



IOA | Institute of
Analytics
The Global Body for Analytics

IOA RESOURCES

ioaglobal.org



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Why the Institute of Analytics Is the Best Choice For Your Data Journey

As a global professional body, we have a clear mission: To advance the field of Analytics & Data Science. We do this by empowering our members to lead the charge in data-driven decision making, supported by the highest standards of ethics and professionalism.

What sets the IoA apart is our commitment to practical, real-world learning that is relevant and exactly what employers are looking for. Our extensive suite of resources are designed to provide you with the tools you need to excel in the rapidly evolving world of data, exceeding industry standards.

Resources at Your Fingertips

Whether you are looking to build foundational skills, achieve certification or stay ahead of industry trends, the resources that are available to IoA members through our member portal are designed to support you at every stage of your career:

- Learn and maintain foundational skills
- Develop the range of skills for your profession
- Stay up to date and on the cutting edge of industry expectations
- Take control of your future
- Includes full access to Datacamp and Dataquest

The DataCamp logo is displayed on a bright green rounded rectangular background. It features a stylized 'd' icon followed by the word 'datacamp' in a lowercase, sans-serif font.The Dataquest logo is displayed on a dark blue rounded rectangular background. It features a white rocket icon with a blue flame at the bottom, positioned above the word 'DATAQUEST' in a white, uppercase, sans-serif font.

Resources Include



Digital Learning Resources



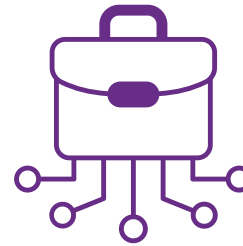
Events and Webinars



Certifications and Microcredentials



Tailored Career Pathways



E-Portfolio to evidence skills *Coming soon!*



Knowledge and Insights

Benefits of Training With the IoA

- All training is self-paced and aligned to the benchmark of industry standards set out in the [IoA Analyst Competency Framework](#), covering Leadership, Communication and Governance as well as technical skills
- Installation-free – run the training directly from your browser
- Built-in learning support – we offer hints and solutions for our technical training at every step to avoid frustration
- Use data to solve real-world business challenges



“Our IoA Learning Hub addresses and solves so many of the problems I used to experience when I taught data science purely using videos. Our approach is better in every way as it removes potential barriers to success so you can focus on learning, all via your laptop. We’ll help you to build up the ideal balance of in-demand employability skills for your career.”

Dr Clare Walsh
IoA Director of Education



IoA Learning Hub

The IoA Learning Hub

IoA Learning is designed for everyone, whether you are a complete beginner or have been working in the industry for decades – you drive your goals and your pace

- Our curated content covers everything from governance, visualisation, communication and leadership to practical data skills
- We use horizon scanning to keep our content updated as soon as new skills, laws and technologies emerge
- All training runs on your browser, which means no licence or installation permissions are needed plus you won't experience any memory issues on your device
- Certificates of accomplishment are awarded to celebrate your new skills and for you to share your success

70% of your time will be spent in practical application and real-world use, supported by interactive guidance, tutorials and feedback, in licenced environments like Tableau or Alteryx as well as the Python and R IDEs – using the same interface as the licenced product.

**750+
installation-free
courses!**





IoA Learning Hub

All in One Place



Career tracks to build foundational skills



Tool kits for specific roles



Microcredentials



Skills pathways



Skills assessments



Cloud databases and workbooks



Industry-relevant native datasets



Tutorials



Real-world projects



Case studies



Code alongs



Competitions



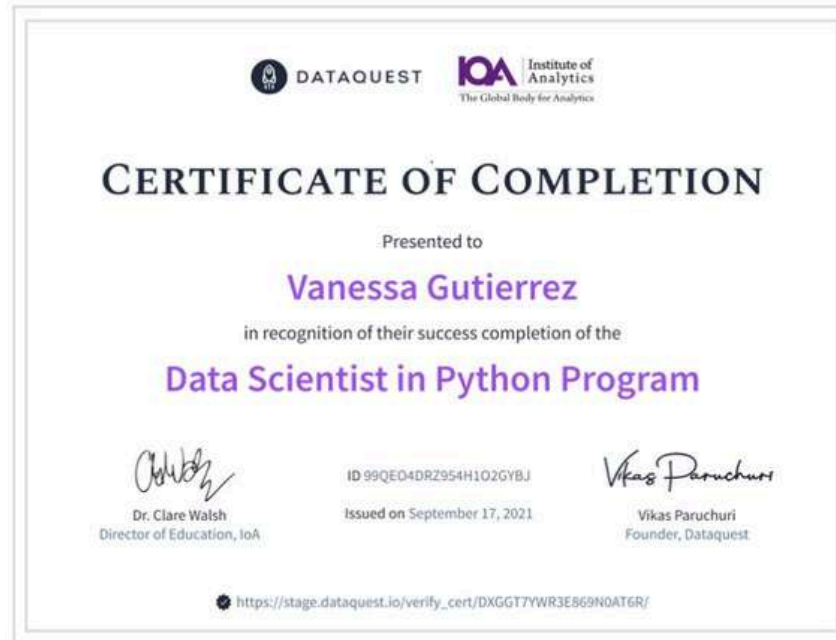
Career development

The IoA Advantage

Feature	IoA Training Courses	Other Online Training Courses
Cost	<ul style="list-style-type: none"> • 500+ free courses with membership 	Circa \$49 / month
Learning Experience	<ul style="list-style-type: none"> • Step-by-step feedback • 70% hands-on-learning • No installation required • On-demand, self-paced 	Flexible but lacks guided feedback
Real-World Practice	<ul style="list-style-type: none"> • Real data sets from day one • Industry-aligned content • Governance and leadership training 	Limited real-world data sets in early days
Career Growth	<ul style="list-style-type: none"> • Certifications at all stages • Updated regularly • Complete training pathways to lucrative careers • Industry-valued standards 	Certifications vary by course and provider



Certificates



- Keep adding to your skillsets with proof of your applied knowledge and understanding through our training certificates
- Each completed course comes with a certificate which can be downloaded and shared to social media or added to your portfolio or resume





Choose a Style to Suit You



- Shorter style interactive courses. Fits around busy people
- Exceptionally broad range of content for virtually everything related to data analytics
- Regularly updated as new technologies begin to trend



- Longer, more in-depth style of courses and projects
- Less breadth of topics covered
- Gives learners a well rounded understanding of broad concepts on completion

IoA members have access to the full libraries of both platforms. Flexibility is 'baked-into' the resources for whenever you need them.



Career Tracks

Data Analyst (Python route) Track

This track gets progressively more challenging and we recommend completing the tasks and training in the order below.

- Learn at your own pace
- Get hands-on experience
- Practice and apply your skills

Data Analyst Learning Track

- Data Analyst | 1 Python Introduction**
About this course
This track provides an introduction to Python for data analysis, and is the starting point for those interested in focusing on Python. No prerequisite knowledge is expected.
29 hours
[Go to Course](#)
- Data Analyst | 2 Intermediate Python**
About this course
This is a continuation of the Year 1 Python for data analysis track. Building upon concepts from the previous track, the focus of this track is on data wrangling, data cleaning, and statistics.
57 hours
[Go to Course](#)
- Data Analyst | SQL Fundamentals**
About this course
NB If you are completely new to SQL you will need to complete this short (13 hour) course first in Data and Business Analyst SQL Fundamentals
13 hours
[Go to Course](#)

We have career tracks designed for Data Engineers, Data Analysts, Business Analysts and Data Scientists.

Want to become certified? We can guide you through the skills needed and if there's any you are missing, you can learn it with us and start using it at work. Our interactive competencies e-Portfolio (coming soon) will help you identify those areas you need to develop.



Tool Kits

Analytics for Accountancy and Finance Tool Kits

There is no progression in difficulty in the Tool Kits. You can choose to complete these in any order.

- Learn at your own pace
- Get hands-on experience
- Practice and apply your skills

Accountancy and Finance Toolkits Pathway

- Spreadsheet & Dashboards
- Cloud Data Ingestion
- Business Intelligence Systems
- R Analysis and Time Series
- Python A

Introduction to Google Sheets

• Beginner • 2 hr • 22.5K learners

Bring your Google Sheets to life by mastering fundamental skills such as formulas, operations, and cell references.

Intermediate Google Sheets

• Beginner • 4 hr • 48.9K learners

Expand your Google Sheets vocabulary by diving deeper into data types, including numeric data, logical data, and missing data.

Understanding Data Visualization

• Beginner • 2 hr • 179.9K learners

An introduction to data visualization with no coding involved.

Our Tool Kits give you a curated set of skills training appropriate to your career goals so you can focus on only the most relevant tasks and understanding needed for your role.

We offer tool kits for:



Data Engineering



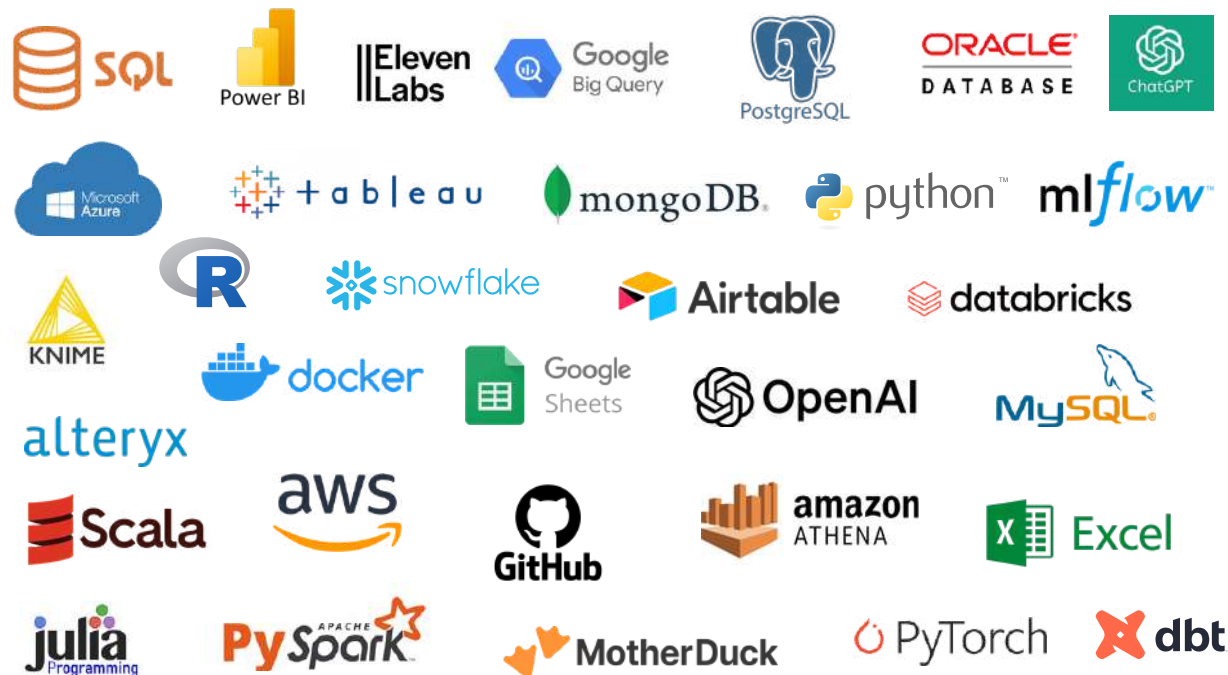
Analytics for Accountancy & Finance



AI Essentials



Microcredentials for In-Demand Tools



Need to learn Tableau, SQL, Azure or other technologies? We have the key in-demand tools for you to learn and gain a certificate to showcase your hands-on skills, included in your IoA Membership.

* Certifications for a small number of licensed technologies may incur an additional cost payable to the licensee for the exam. E.g. Microsoft Power BI Data Analyst (IoA members receive 50% discount for the MS exam cost)





Skills Pathways

Skill tracks Skill deep dive

Acquire new skills fast in courses that combine short expert videos with immediate hands-on exercises.

All Python SQL R Power BI Tableau Data Literacy Excel Google Sheets Artificial Intelligence Machine Learning Statistics

Alteryx PyTorch Azure Spark Julia MLflow

71 Skill tracks

Skill Track	Description	Tags	Courses and Projects	Action
SQL Fundamentals	Master the SQL fundamentals needed for business, learn how to write SQL queries, and start analyzing your data using this powerful language.	Fundamentals, Certification available	8 Courses and Projects	View Details
AI Fundamentals	Discover the fundamentals of AI, dive into models like ChatGPT, and decode generative AI secrets to navigate the dynamic AI landscape.	Data Literacy, Certification available	8 Courses and Projects	View Details
Data Governance Fundamentals	Unlock the secrets of data governance: manage, secure, and protect data effectively.	Data Literacy	8 Courses and Projects	View Details
Statistics Fundamentals with R	Discover the power of statistics in R. Learn the key statistical concepts, topics, and techniques used by data scientists and statisticians every day.		8 Courses and Projects	View Details
SQL Server for Database Administrators	Dive in and learn the key SQL Server skills you need to securely set-up, design, and maintain your business's database.		6 Courses and Projects	View Details
Finance Fundamentals in Python	Gain the introductory skills you need to make data-driven financial decisions in Python—using pandas, NumPy, statsmodels, and pyfolio libraries.		6 Courses and Projects	View Details


Need to master a skill using real-world scenarios and data? We have more than 2500+ hours hours of hands-on, guided training.

Find the perfect curated track for mastering and applying your skills in a guided exercise or project: AI, Machine Learning, SQL, Excel, MLFlow, Alteryx, Applied Statistics in Python, Excel, Azure, Tableau, ChatGPT, Julia, Marketing Analytics with R and many more!




Skills-Gap Assessments

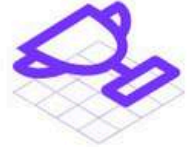
TEST YOUR SKILLS
Data Visualization Theory



Timed Challenges
Solve a series of timed challenges (60-120 seconds) before the timer runs out. Typically it takes approximately 10 minutes



Adaptive
The assessments will automatically adapt to your skill level.



Results
Personalized recommendations based on your score.

[Start Assessment](#)

Want to know what is missing from your skill set? Take one of our 15 minute assessments and find out what you need to learn next. Using your assessment data, a suggested pathway of courses will be created for you.

Already know what you want to learn? Great, you can build your own custom pathway of training. You decide on your goal and we will be there to support you.

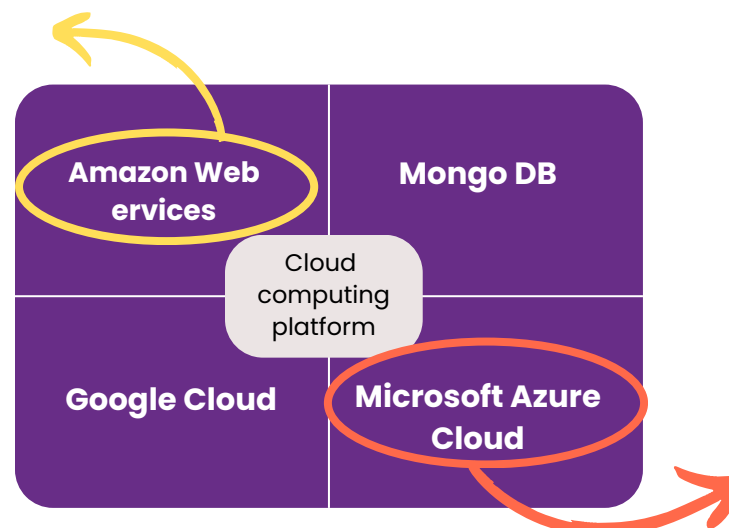


Cloud Databases and Workbooks

Learned at University

Transferable skills refined in Higher Education are often practised on one platform.

Graduates can quickly side-step into one of the other common platforms through short booster courses.



Need for my new role

You might find that in your current role you understand cloud computing platforms and practise in Amazon Web Services, but then your next job expects you to use Azure or one of the other big platforms.

We have hands-on training to easily adapt and transfer your existing knowledge to one of the other tools. Future-proof your skillset ready for the agility needed in our global workforce.

Learn the latest licensed cloud technologies such as MotherDuck or Databricks.

The screenshot displays a user interface for connecting databases. It is divided into two main sections: 'Connect your first database' and 'Sample databases'.

Connect your first database
Database connections allow you to seamlessly and securely access data in all of your workspaces. Not sure how to start? Connect to one of our sample databases below.

The first section contains a grid of 15 database options, each with a small icon and a right-pointing arrow:

- Google Sheets
- PostgreSQL
- MySQL
- Redshift
- Google BigQuery
- Amazon Athena
- Microsoft SQL Server
- MariaDB
- Oracle Database
- Snowflake
- MotherDuck
- Databricks
- MongoDB
- Airtable

Sample databases

The second section contains a grid of 6 sample database options, each with an icon, a title, and a 'Create workbook' button:

- Soccer
- World Nations
- Electric Vehicles
- Electric Vehicles
- Bicycle Sales
- Competition Netflix Top 10



Industry-Relevant Native Datasets

Datasets

Enhance your coding skills by leveraging our thoughtfully curated library of datasets to analyze and gain insights.

FILTERS

Language

- R
- Python

Category

- All
- Retail
- Human Resources
- Marketing
- Tech
- Sports
- Entertainment
- World
- Health
- Real Estate
- Finance

E-Commerce Data
Analyze order data from an online gift retailer active in multiple countries. >
Python R

Telecom Customer Churn
Predict whether customers will churn using this dataset from a telecom co... >
Python R

Internet News and Consumer Engagement
Dive into Facebook engagement data of news articles from multiple well-kn... >
Python R


Soccer Through the Ages
Unearth soccer's epic journey from 1872 to 2023 - your ticket to the world of... >
Python R

Even beginners can start working on modern, relevant data sets from the outset. You can also practise your advanced data analysis skills on vast data sets without renting server space by the hour to learn.



Real-World Projects

Real World Projects
Engage with real-world challenges using data notebooks and BI applications. Apply your knowledge to real scenarios in a practical environment.



All Python SQL R Power BI Tableau Alteryx Excel Google Sheets Azure Theory OpenAI PyTorch Snowflake Databricks
Spark BigQuery Redshift

155 Projects

Topic Industries More filters

PROJECT	PROJECT	PROJECT
Dr. Semmelweis and the Discovery of Handwashing Beginner Reanalyse the data behind one of the most important discoveries of modern medicine: handwashing.	Rise and Fall of Programming Languages Beginner Analyze the relative popularity of programming languages over time based on Stack Overflow data.	Customer Analytics: Preparing Data for Modeling Intermediate Apply your knowledge of data types and categorical data to prepare a big dataset for modeling!
1h Start	1h Start	1h Start

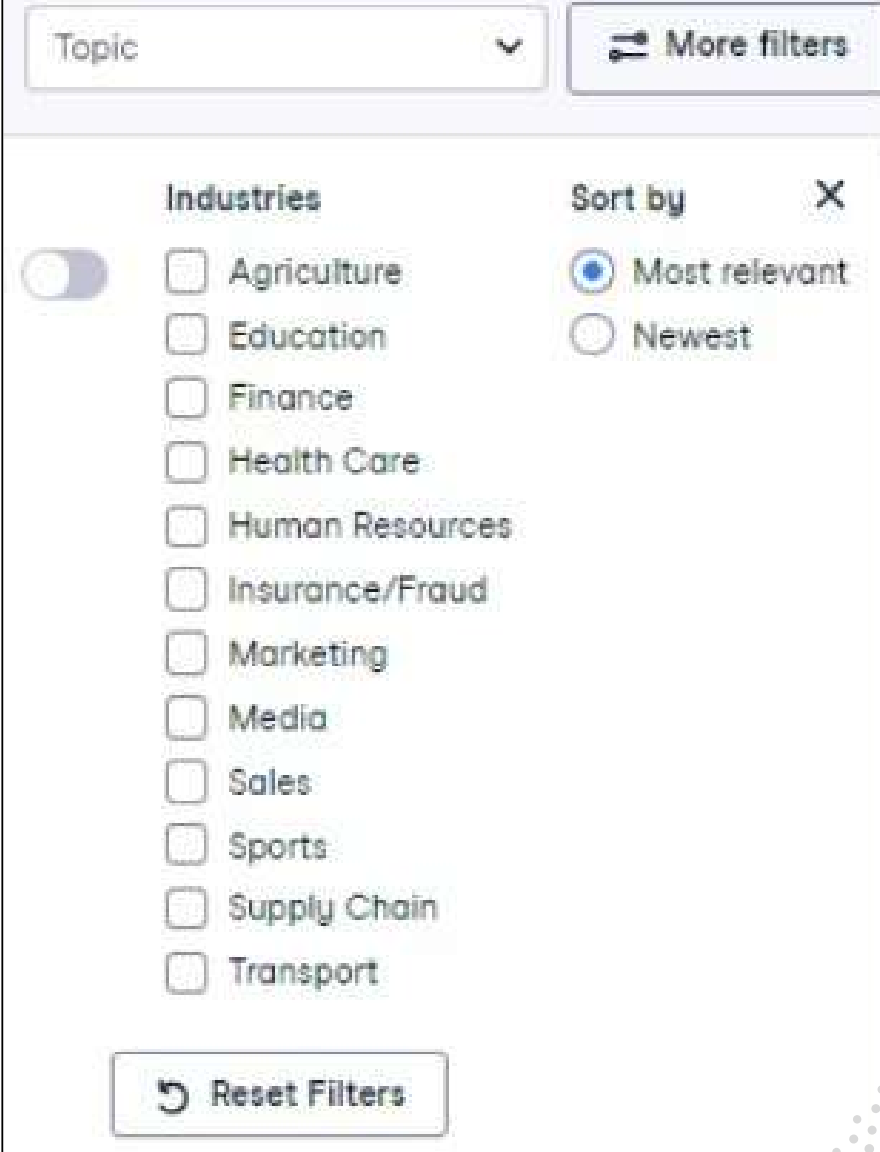
Solve real-world problems relevant to specific functions and industries whilst building evidence of your applied skills. Choose from 150+ real-world guided and portfolio projects.

You will have the opportunity to choose:

- GUIDED learning (with hints and solutions)
- UNGUIDED learning (independent work)

Projects let you apply your skills using tools like data notebooks and completing a data analysis from start to finish.

You can filter by **industry**, **topic** or **technology**:



The image shows a filter panel with a 'Topic' dropdown menu and a 'More filters' button. Below these, there is a section for 'Industries' with a toggle switch and a list of industry categories. To the right, there is a 'Sort by' section with two radio button options. At the bottom, there is a 'Reset Filters' button.

Industries		Sort by
<input type="checkbox"/>	Agriculture	<input checked="" type="radio"/> Most relevant
<input type="checkbox"/>	Education	<input type="radio"/> Newest
<input type="checkbox"/>	Finance	
<input type="checkbox"/>	Health Care	
<input type="checkbox"/>	Human Resources	
<input type="checkbox"/>	Insurance/Fraud	
<input type="checkbox"/>	Marketing	
<input type="checkbox"/>	Media	
<input type="checkbox"/>	Sales	
<input type="checkbox"/>	Sports	
<input type="checkbox"/>	Supply Chain	
<input type="checkbox"/>	Transport	



CASE STUDY

Case Studies

The screenshot shows the DataCamp website's 'Resources' page. The header includes the DataCamp logo, navigation links for 'Catalog', 'Resources', 'Pricing', 'DataLab', 'For Business', and 'For Universities', a search bar, and a 'My Dashboard' button. The main heading is 'Resources' with the tagline 'The expertise you need to level up your workforce.' Below this is a search bar labeled 'Search Our Resources'. The content area is titled 'Recently published' and features a grid of nine case study cards. Each card includes a title, a brief description, and a 'CASE STUDIES' button.

Case Study Title	Key Achievement
How Bankinter Upskilled 700+ Employees with DataCamp	Learn how Bankinter fostered a data-driven culture, upskilling 700+ learners.
How SSE is Achieving a Net Zero World with Data Upskilling	Learn how SSE addressed their gap in on-demand learning, thereby accelerating data skill.
Case Study: How Marks & Spencer Built a Vibrant Data Culture	Discover how Marks & Spencer achieved 800% upskilling program growth in one year.
How Drax Accelerates the Transition to Green Energy Using DataCamp	Learn how Drax upskilled their teams in Python, SQL, data literacy, and Power BI.
How Western Governors University Boosted Students' ROI With DataCamp	WGU boosts student ROI by 12% using DataCamp's interactive learning curriculum.
How Colgate-Palmolive Used DataCamp for its Data & Analytics Academy	Learn how they up-skilled 14,860+ employees in Data & AI, improving outcomes.
Case Study: How Specsavers Saved Learners 4 Hours Per Week	Find out how Specsavers addressed critical skill gaps in Power BI and Databricks.
Essex Property Trust Experiences 24X Productivity Gains	Learn how they realized efficiency gains up to a 24X in data processing tasks.
How Kotak Bank Transitioned to a Modern Analytics Stack	Discover how they used DataCamp to generate a 99% time-save on reporting.

One of the challenges to learning data technical skills is understanding how those skills answer real business questions.

We have more than 30 hands-on deep-dive case studies for you to choose from, with new ones being added regularly. You can level-up your marketing skills or gain skills to use data techniques to improve supply chain decision making. All course materials provided.



Code Alongs

Let our experts guide you through 100+ real-world problems from start to finish.

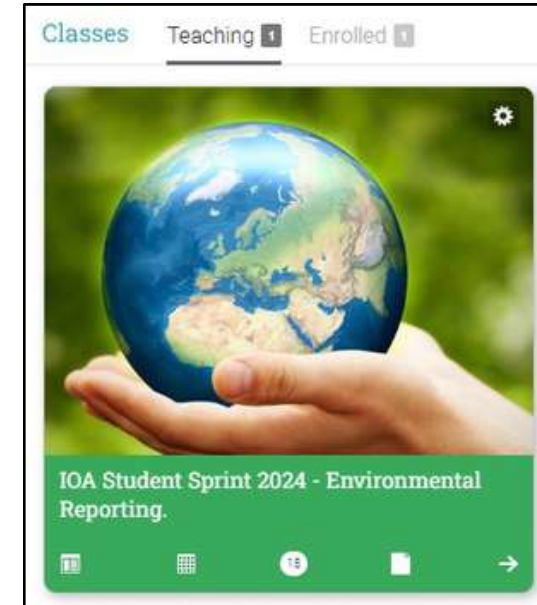
The screenshot displays the Code Alongs website interface. At the top, there is a header with the text "Code Alongs" and a sub-header "Solve real-world problems". Below this, a paragraph states: "Our instructors will guide you through a vast selection of real world problems from start to finish." To the right of this text is a circular diagram with the word "APPLY" in the center, surrounded by icons representing different stages or aspects of a project.

The main content area is titled "FEATURED CODE ALONGS" and "Become an AI Developer". It lists several courses, each with a profile picture of the instructor, the course title, the instructor's name, and the company they represent. The courses are:

- Introduction to Large Language Models with GPT & LangChain** by Richie Cotton (datacamp) - Course 1
- Prompt Engineering with GPT & LangChain** by Olivier Mertens (Microsoft) - Course 2
- Building Multimodal AI Applications with LangChain & the OpenAI API** by Korey Stegared-Pace (Microsoft) - Course 3
- Semantic Search with Pinecone** by James Briggs (Pinecone) - Course 1
- Retrieval Augmented Generation with OpenAI API & Pinecone** by Vincent Vankrunkelsven (datacamp) - Course 2
- Building Chatbots with the OpenAI API and Pinecone** by James Briggs (Pinecone) - Course 3

Below these courses, there is a section titled "Building AI Systems with Hugging Face" with the sub-header "Uncover the power of the open source AI ecosystem with HuggingFace."

iii Competitions



Take part in competitions to test your skills.

Students with IoA Membership paid by their Education Provider on IoA Accredited courses also benefit from our guided international student competitions.



Tutorials

Tutorials Learn by doing

Develop your data science skills with tutorials. We cover everything from data visualizations in Tableau to version control in Git.

All Python SQL R Programming Power BI Tableau Julia Scala Git Business Intelligence Artificial Intelligence ... Spreadsheets

AWS

822 Tutorials Topics

TUTORIAL 🔖
The 15 Basic Excel Formulas Everyone Needs to Know
Spreadsheets
Learn how to add arithmetic, string, time series, and complex formulas in Microsoft Excel.

TUTORIAL 🔖
GIT Push and Pull Tutorial
Git
Learn how to perform Git PUSH and PULL requests through GitHub Desktop and the Command-Line.

TUTORIAL 🔖
How to Use GROUP BY and HAVING in SQL
Data Analysis
An intuitive guide for discovering the two most popular SQL commands to aggregate rows of

We have more than 700 tutorials which can be filtered by subject according to topic or technology. Find guided tutorials for learning new skills or refreshing old ones.

Most take between 4 and 20 minutes, so you have time to read an expertly-written tutorial in your lunch break!



Career Development

INTERACTIVE COURSE

Practicing Coding Interview Questions in Python

[Start](#) [Bookmark](#)

●●● Advanced ⌚ 4 hours ▶ 16 videos <> 61 exercises 👤 23,213 participants 5050 XP

Description

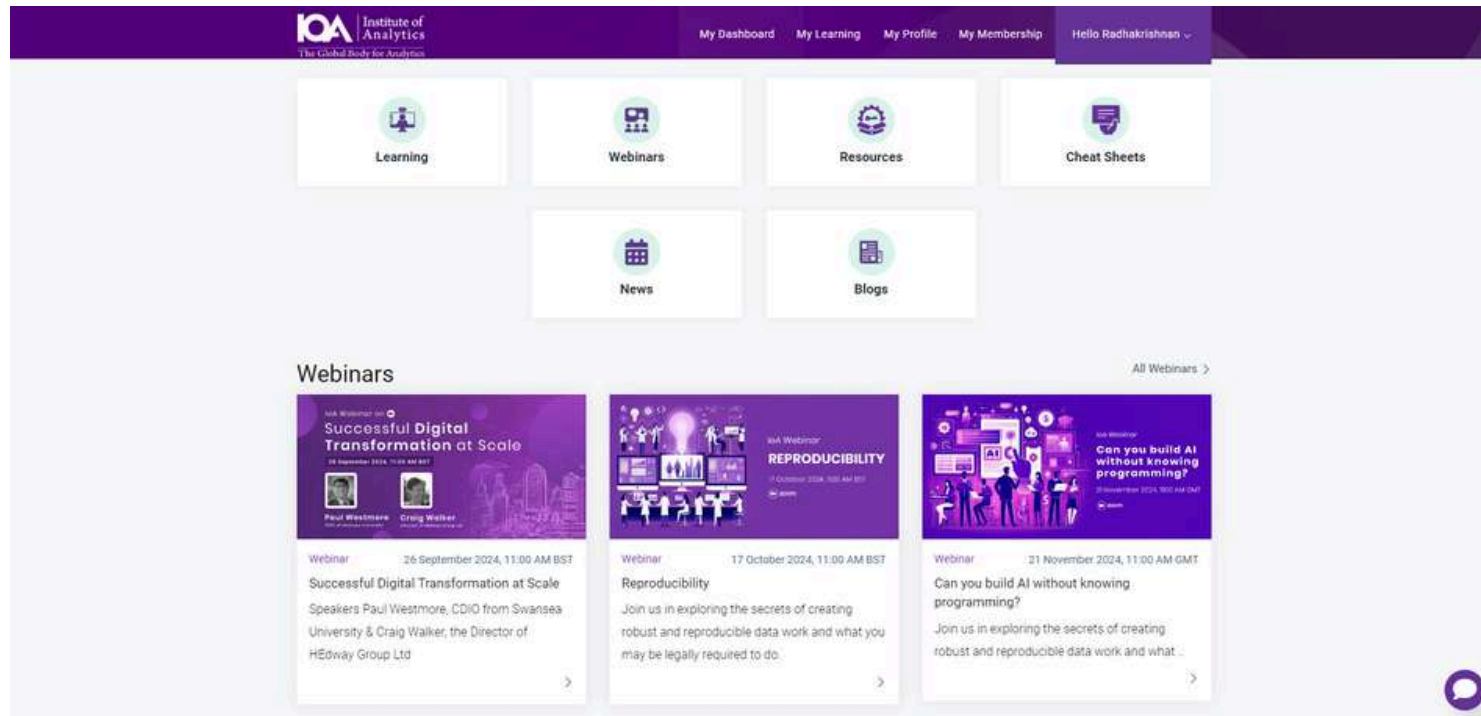
Coding interviews can be challenging. You might be asked questions to test your knowledge of a programming language. On the other side, you can be given a task to solve in order to check how you think. And when you are interviewed for a data scientist position, it's likely you can be asked on the corresponding tools available for the language. In either of the cases, to get a cool position as a data scientist, you need to do a little work to perform the best. That's why it's very important to practice in order to prove your expertise! This course serves as a guide for those who just start their path to become a professional data scientist and as a refresher for those who seek for other opportunities. We'll go through fundamental as well as advanced topics that aim to prepare you for a coding interview in Python. Since it is not a normal step-by-step course, some exercises can be quite complex. But who said that interviews are easy to pass, right?

PREREQUISITES







- Python Toolbox
- Regular Expressions in Python
- Data Manipulation with pandas

Our members have access to the latest employer insights and top industry skills according to sector. IoA members also have access to interview guidance with specific support for data-related interview questions.

The IoA Member Portal



Our online member portal is where IoA members access our full range of resources and is the gateway to training in the IoA Learning Hub.

-  Webinars
-  Blogs
-  Resources
-  Cheat Sheets
-  Learning
-  News



Webinars

<p>Career options in data science</p> <p>Date: 18th April 2024 Time: 11:00 AM (BST)</p> <p>Register Here</p>	<p>How to use unexplainable AI ethically</p> <p>Date: 14th March 2024 Time: 11:00 AM (GMT)</p> <p>Register Here</p>	<p>Prompt engineering</p> <p>Date: 15th February 2024 Time: 11:00 AM (GMT)</p> <p>Register Here</p>
<p>Past</p> <p>Career options in data science</p> <p>Join us in this webinar as we help you to take control of your career and choose your own direction forwards.</p> <p>18 Apr 2024 11:00 AM BST</p>	<p>Past</p> <p>How to use unexplainable AI ethically</p> <p>Studies suggest that the AI market was worth US\$207 billion this time last year, but only US\$6.6 billion was explainable AI</p> <p>14 Mar 2024 11:00 AM GMT</p>	<p>Past</p> <p>Prompt engineering</p> <p>Dive into the world of prompt engineering in 2024, where the dialogue between humans and AI reaches new heights.</p> <p>15 Feb 2024 11:00 AM GMT</p>
<p>Tech Trends in 2024</p> <p>Date: 18th January 2024 Time: 11:00 AM (GMT)</p> <p>Register Here</p>	<p>Digital Currencies are coming: Everything you need to know</p> <p>Date: 16th November 2023 Time: 11:00 AM (GMT)</p> <p>Register Here</p>	<p>Data Visualisation Theory</p> <p>Date: 19th October 2023 Time: 11:00 AM (BST)</p> <p>Register Here</p>
<p>Past</p> <p>Tech Trends in 2024</p>	<p>Past</p> <p>Digital Currencies are coming: Everything you need to know</p>	<p>Past</p> <p>Data Visualisation Theory</p>


Masterclasses, thought leadership and updates are available live and on-demand with our monthly webinar series.

IoA members receive access to the full back catalogue of recorded webinars. Don't have much time? On-demand content will be waiting for you when you return to it, just pick-up where you left off.



Blogs

Blogs All Blogs >




Blog 4 July 2024

AI Impact: Emotional Intelligence and Autism Support

This blog examines the potential and ethical challenges of integrating AI in autism care to ensure its effective use for the future.

>




Blog 27 June 2024

The Role of AI in Finance: Benefits, Risks and Regulatory Challenges

This blog explores the benefits, challenges and the essential role of regulatory frameworks like the EU AI Act, in ensuring the ethical and safe

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Blog 20 June 2024

The importance of Data Versioning / Version Control

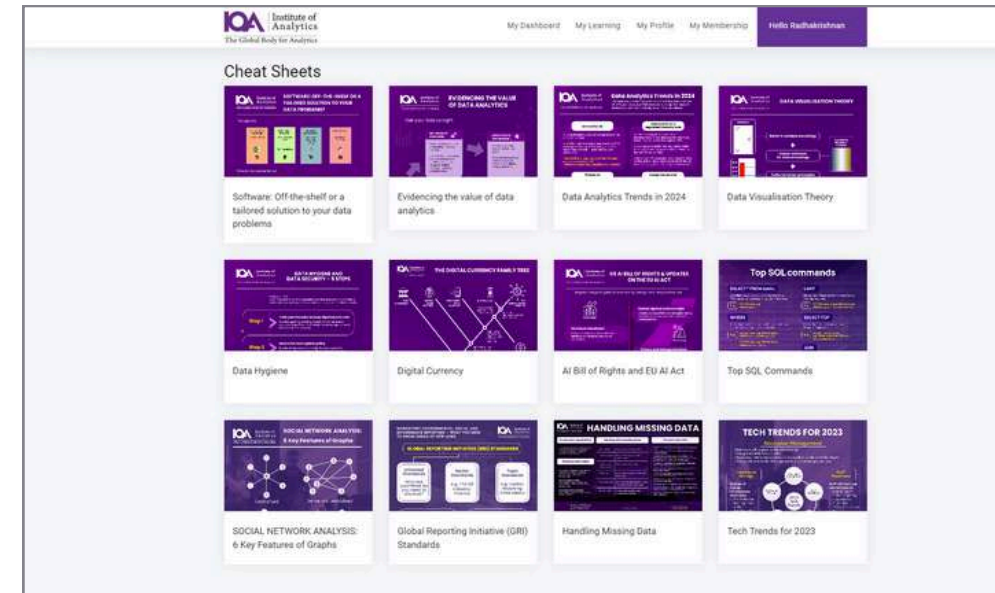
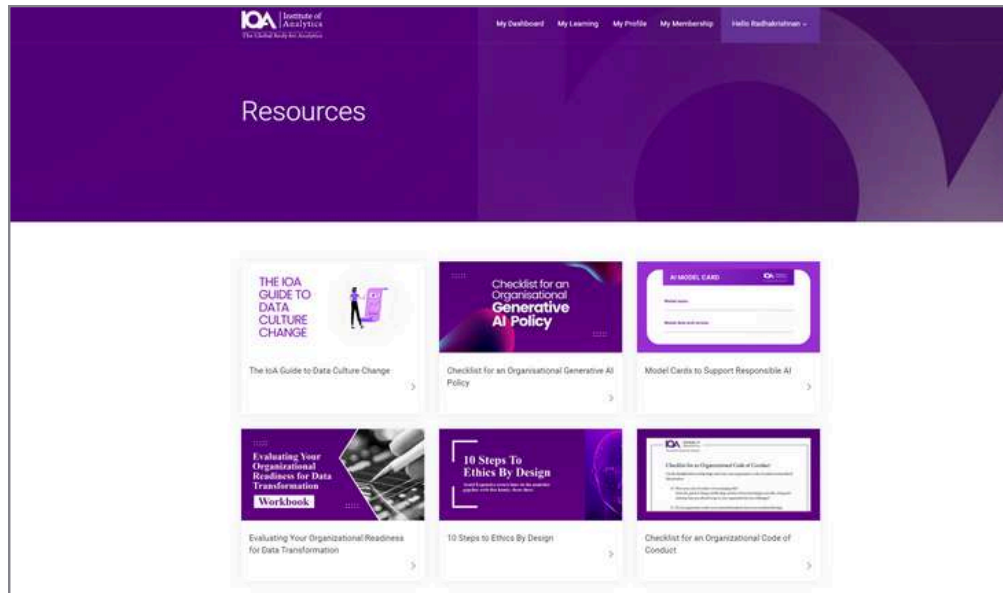
Discover the power of data versioning in data science. Learn how practice enhances reproducibility, collaboration and data integrity

>

Need to know the latest changes to global regulations in the field? Or perhaps you want to fill gaps in your knowledge? Our blogs help you keep up with the latest releases.

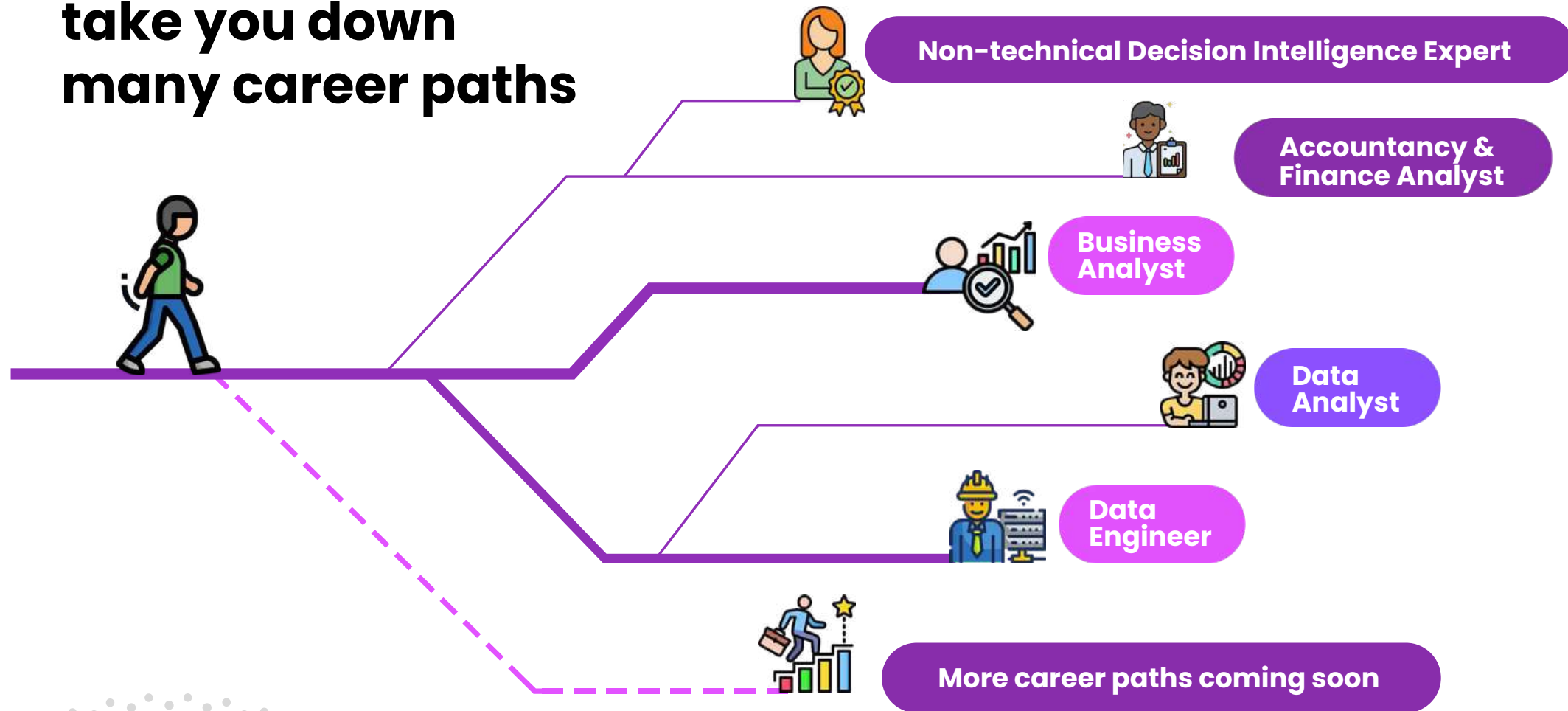
New blogs are released weekly. If you are an IoA members you have access to the full catalogue through the member portal.

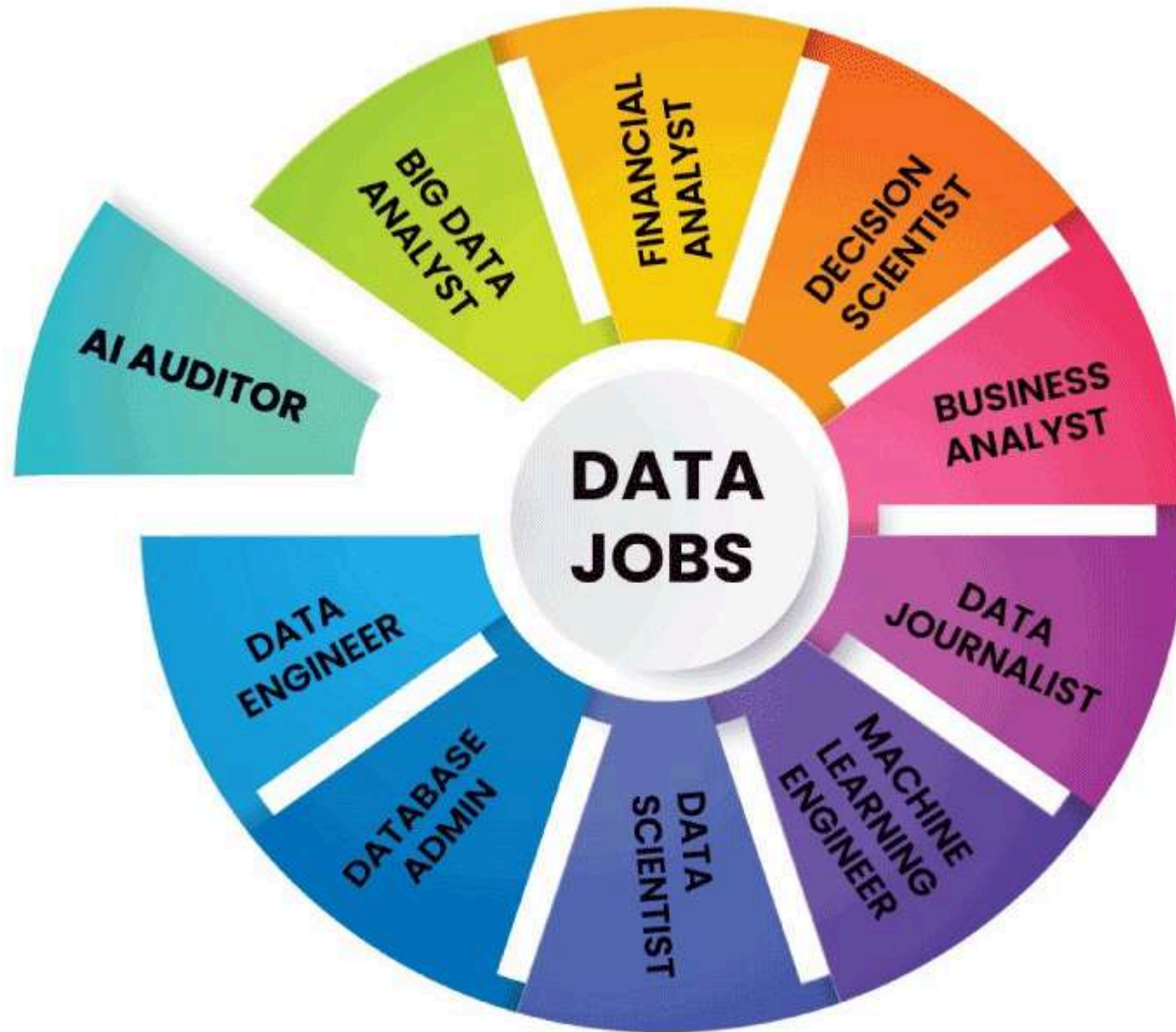
Guidance and Cheat Sheets



Our expert team has created useful templates, checklists, workbooks and cheat sheets to support your work and save you time. If you are looking to create a Generative AI Policy or need some model cards, check our resource bank first!

Membership can take you down many career paths





IoA Membership is for *everybody*



IoA Education Partnerships

We work directly with Education Providers, such as universities, business schools and executive training organisations around the globe. We offer competitive supportive packages for your students and faculty to be industry-ready and up-to-date in their real world analytics and data science skills

Elevate your analytics course to the global stage with IoA Accreditation



Use the IoA Accredited Course Logo to stand-out from other data courses

- Benefit from Student and Faculty IoA Membership
- IoA Accreditation of your analytics and data science courses
- Guidance for analytics and data science careers, webinars and blogs to support your students' employability
- Access to In-demand skills certification included in the membership

Join the IoA

There are several ways to join:

Corporate Partnership

- Gain a reputation for investing in your staff who receive access to IoA Membership benefits and receive exclusive opportunities for enhanced visibility for your company
- Support your team's professional development and the needs of your business with access to 2500+ hours of training from beginner to advanced, ranging from the first steps moving away from spreadsheets and intuitive decision making to MLOps
- Get recognised as a progressive organisation that operates ethically and stay updated on important regulatory and legislative developments

Individual Membership

- Gain recognition for your professionalism, achieve your goals and work towards attaining the highest levels with Chartered status
- Access structured career progression with custom tracks (Business Analyst and Data Analyst) and upskill with specialist Tool Kits including AI Essentials, Analytics for Accountancy & Finance and Data Engineering
- Stay up to date with advancements in technology, changes in regulation and thought leadership with our monthly webinar and masterclass series and insights

Become an IoA Education Partner

'We have found the Institute's expert guidance and resources to be invaluable in preparing our students for success in the dynamic field of data and analytics.'

Professor Shreshta FloA (IoA Fellow)
Head of Academic Strategy
Softwarica College of IT and E-Commerce, Nepal

Education Partnership

- Student Members can easily add top skills required to be ready for employment in a rapidly changing jobs market with our on-demand courses for key technologies and soft skills
- IoA course accreditation is the benchmark for industry excellence. Add the IoA Accredited Logo to your website and marketing materials to stand out
- Faculty receive complimentary IoA membership at Affiliate grade and 20% discount on upgrades
- Get guidance for analytics and data science careers, webinars, blogs and events to support student employability

Benefits of IoA Membership



Access to 2500+ hours of training to help you stay relevant and support your professional development



Thought leadership and important updates about the latest developments that could create opportunities for you/your business



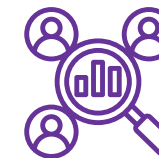
The opportunity to propel your career in new directions via our Business Analyst and Data Analyst learning tracks and specialist tool kits



Training in professional practice, ethics, communication and leadership – the full package of fundamental skills to set your career apart



The IoA Analyst Competency Framework to help you structure your learning in line with industry expectations



Status and recognition within the data analytics community to showcase your commitment to ethical data practice and career progression

“The inclusion of IoA Accreditation and its membership affiliation enhances the appeal of our MSc Business Analytics programme to students, instilling a greater confidence among employers in the proficiency of our students in the analytics field”



Dr Umar Farooq
Course Director, Coventry University
IoA Education Partner



Harrison Bullock MloA
Lead Data Scientist, National Highways
IoA Corporate Partner

“IoA Membership has provided me with access to great resources to learn and improve my skills, including their webinars”

About the IoA

The Institute of Analytics (IoA) is a not-for-profit professional body for the analytics & data science community.

Our mission is to develop and promote the highest professional and ethical standards, create awareness of the value of data analytics and its uses in society and inspire the next generation of analysts & data scientists through education.

We help our members stay ahead of the curve of digital transformation through access to benefits including training and upskilling, updates about advancements in technology and regulation, masterclasses and thought leadership.





The Global Body for Analytics

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