



Explore a career in Data Analytics with iX LaunchPad.

A career exploration programme
for ambitious students.

[Student application form](#)

What is Data Analytics?



A high-growth, in-demand industry

According to the [World Economic Forum's Jobs of the Future Report](#), data analytics – indeed, all fields relating to the manipulation and understanding of data – is one of the foremost in-demand industries in the modern world.

What does a data analyst do?

The role of a data analyst is to find appropriate data to solve business questions, perform analyses, interpret results in a business context, and present these results to a broader audience using visual techniques and methods to make a compelling case.

What will you gain from the iX LaunchPad Data Analytics course?

Each course is taught by a professional still working in the industry. They will take you through the tools used by data analysts, build a base for understanding and creating data visualisations, and teach you about data storytelling.

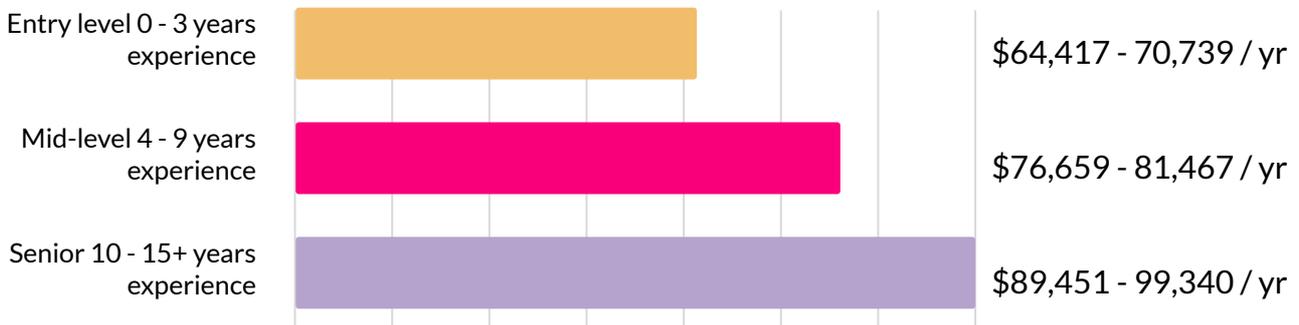


Careers & earning potential



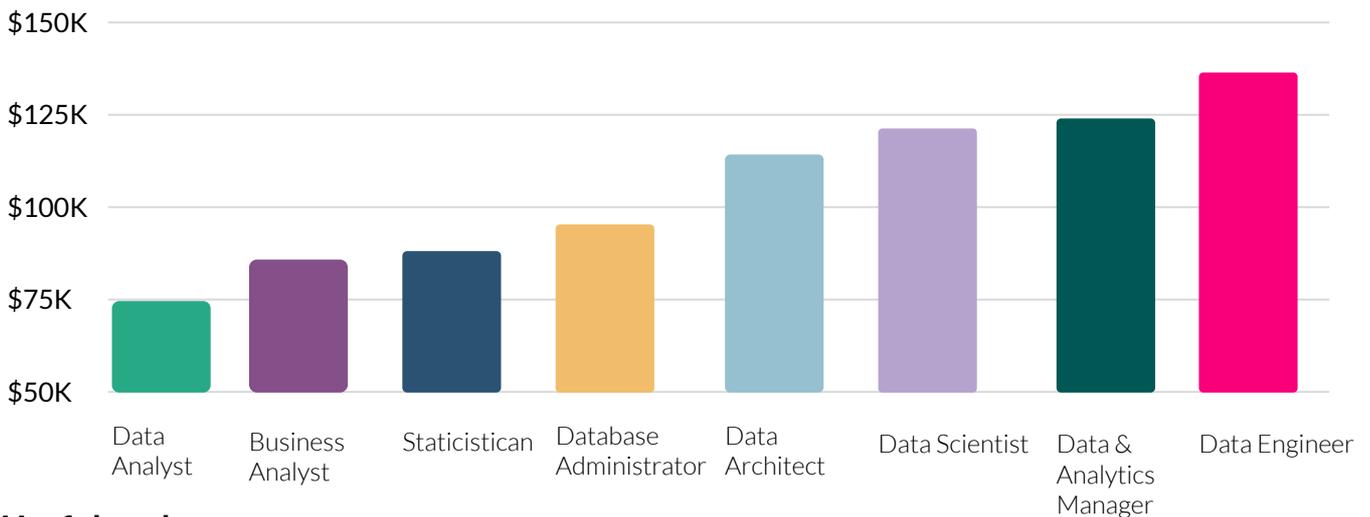
Data analysts of all kinds can work in businesses and industries all over the world in all areas, including government. According to the US Bureau of Labor Statistics, the number of jobs requiring data science skills will rise by nearly 28% by the year 2026.

Data Analyst Career Path



Median annual salary, Dec 2021. Source: Glassdoor.

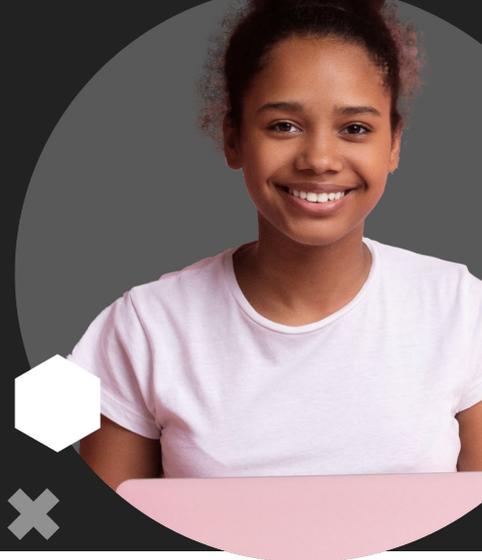
Salary index



Useful tools



What will you learn on this course?



Universal learning outcomes.

Each programme offers students four core learning outcomes.



New Industries

An introduction to a new industry, as well as interacting with an industry professional.



Career Exploration

Learn about the working life, career paths, and jobs available in that new industry.



Pro Skills

Learn how to construct professional documents and present to a group confidently.

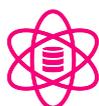


Real-World

Practical application of newly acquired concepts in the micro-internship project.

Introduction to Data Analytics.

An introduction to the dynamic field of data, teaching students key foundational skills and tools. It is a great first taste of this ever-growing, widely-used industry for all students.



Understand the concept of a data life cycle, and good data management.



Learn about data principles, including the ethics behind the use of data.



Learn about the source of data, how to import it, clean it, and use it for analysis.



Learn about data visualisation and how to tell a story with a data analysis.



Marina Contreiras

on her biggest learning experience from the course:

“Actually my biggest takeaway was not about the course content but about the micro-internship as I now really understand the importance of intergroup communication and planning.”

GEMS World Academy

A real-world micro-internship project.

The company.

Each Data Analytics course is paired with one of our 200+ partner companies to create a real-world project. Students are put into groups to work through their real-world project.

Global Forest Watch

Global Forest Watch (GFW) is an online platform that provides data and tools for monitoring forests. By harnessing cutting-edge technology, GFW allows anyone to access near real-time information about where and how forests are changing around the world, stopping illegal deforestation and fires, calling out unsustainable activities and defending land and resources.

The brief.

Data Analytics students will be given the opportunity to work on this exciting organisation, working in groups to learn about data analysis and how it works in practice.

In each classroom session, students will learn new skills and aspects of data analytics which they will be able to apply to their project.

In groups, they will work on project deliverables, constructing their project documents and working on their presentations.



Technical skills & tools of the trade.



There are twelve 21st-century employability skills taught alongside our core course material. Some of these skills will be taught in every class, such as social skills and critical thinking. Others, such as leadership and technology literacy are naturally more emphasised in specific courses.

Life Skills



Social Skills

Meeting and networking with others for mutual benefit.



Flexibility

Deviating from plans as needed without undue stress.



Leadership

Motivating a team to accomplish a goal and staying on track.



Initiative

Starting projects, strategies, and plans on one's own.



Productivity

Maintaining efficiency in an age of distractions

Learning Skills



Critical Thinking

Finding solutions to problems.



Creativity

Thinking outside of the usual ways.



Collaboration

Working well with others.



Communication

Both speaking and writing effectively.

Literacy Skills



Information literacy

Understanding facts, figures, statistics, and data, as well as sources of information.



Media literacy

Understanding the methods and means of information dissemination.



Technology literacy

Understanding the tech that makes the Information Age possible.

The benefits of iX LaunchPad.



iX LaunchPad is a unique programme that balances the demands of a typical high school students' busy schedule with the need to explore careers to set themselves up for future success. Our programmes are intentionally short, providing students with an introduction to a new career, as well as the following valuable benefits.



Industry Professionals

Students gain access to an industry professional, giving them a real window into the world of work.



Online Learning

All iX LaunchPad courses are virtual, offering students the opportunity to collaborate with peers from different schools and countries.



Employability

Students learn to develop employability skills that are relevant in every career path.



Improve Applications

Experience is everything, especially if you're looking to stand out on university applications.



Micro-Internship

Students complete a real-world micro-internship project, giving them a certificate and academic transcript they can add to their portfolio.



Explore Careers

Exploring multiple career paths allows students to identify their passion, giving them the tools they need to find a career they love.

And that's a wrap!

Data Analytics is an exciting, high-growth industry, with a skill set that's useful across a wide range of careers.

If you have any questions about the Introduction to Data Analytics or about any other course offered through the GEMS + iX LaunchPad Programme, please email us on gems@ixperience.co and we'll be happy to help. Not keen on email? You can also message us on WhatsApp: [+27 71 552 7709](https://wa.me/27715527709).

[Apply now](#)

