

# Real-World Data Science in 2022

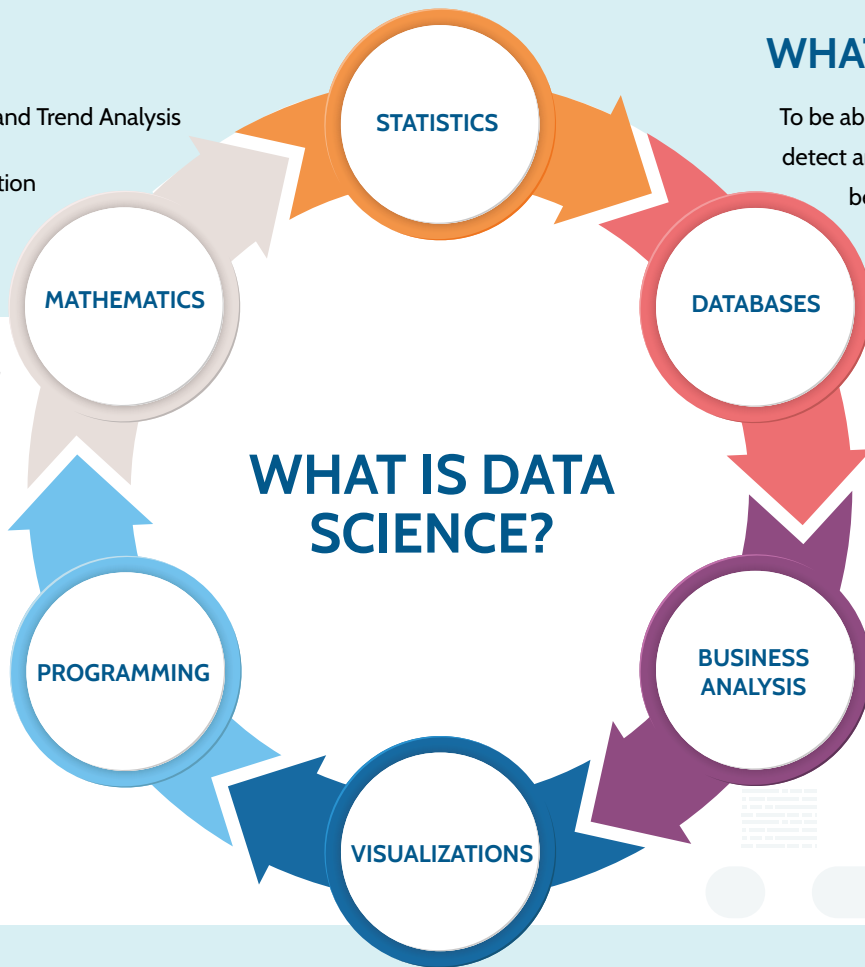
## EXAMPLES

- Customer Segmentation and Trend Analysis
- Insurance Fraud Identification
- Product Development Suggestions

## WHAT'S EXPECTED?

To be able to use historic data to detect and understand patterns, or to be able to predict future trends based on past data.

## WHAT IS DATA SCIENCE?



## TOP TECHNOLOGIES

### CORE LANGUAGES

- Python
- R
- Java
- Scala



### KEY TOOLS

- Python – Pandas, SciKitLearn, tensorflow, Matplotlib / Plotly
- R – Dplyr, Ggplot2, Mlr
- Java / Scala Splunk / Spark
- Tableau • Elasticsearch

### ADDITIONAL TOOLS

- Python – PyCharm / Jupyter Notebooks
- R – Rstudio
- Java & Scala – IntelliJ IDEA

## UPSKILLING / CROSS-TRAINING CANDIDATES

Python Programmers

Data Analysts using tools such as Excel Spreadsheets or MatLab

Business Analysts who want to get more hands-on

Mathematics / Statisticians who are looking to move into Data Science

Get in touch at [hello@frameworktraining.co.uk](mailto:hello@frameworktraining.co.uk) or call us on 020 3137 3920 to find out more.  
[www.frameworktraining.co.uk](http://www.frameworktraining.co.uk)