

DATA TECHNICIAN LEVEL 3

LEARNING JOURNEY - 13 MONTHS

Unit 1 (7 weeks)

Fundamentals of Data Analytics

This unit focuses on the value of data in business, types of data projects, the role of a Data Analyst, and data security and compliance.

Unit 3 (7 weeks)

Working with Data

This unit focuses on importing data, PowerQuery (ETL), Data integration including filtering, formatting and sampling data, combing and manipulating data from multiple sources, and identifying outliers.

Unit 5 (6 weeks)

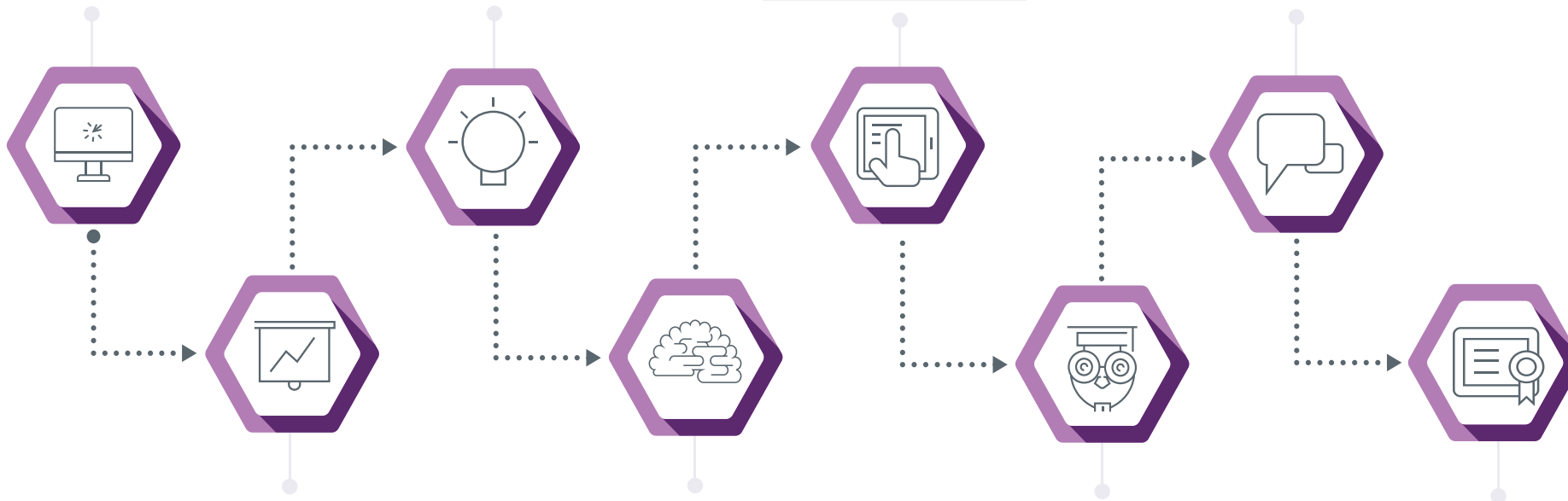
Transforming data into Information

This unit focuses on communicating insight. You will learn about engaging the right people, communication mediums, and structuring insight, and choosing the right chart.

Unit 7 (8 weeks)

Enhancing your data skills

This unit focuses on increasing data literacy. You will learn about significance, sampling bias and data ethics, advanced techniques in data analytics, predictive modelling, hypothesis testing and p-values.



Unit 2 (8 weeks)

Understanding Data

This unit focuses on Data sources, Databases and Data architecture, Storing data securely, cleaning and normalising data, data quality and ensuring data accuracy.

Unit 4 (11 weeks)

Analysing Data

This unit focuses on Microsoft Excel, including Excel functions, formulae, normalisation, creating charts, VBA and Pivot tables. You will also aggregate data, identify the best charts, and learn about the scientific method.

Unit 6 (4 weeks)

Business Insights

This unit focuses on Business insight and integrating data into decision making processes. You will learn about Power Bi, how to create live data dashboards, model data, and produce clear reports.

Preparation for EPA

You will review your portfolio of evidence. You will progress through the gateway to complete your End-Point Assessment (EPA).