Think about

Scenario demonstration with questioning

Level 3 ST0795 Data Technician v1.1

On the day of this assessment you will carry out:

- A 90-minute scenario demonstration with questioning
- Remote or face-to-face
- In a suitable venue, such as the employer's or training provider's premises, with computer systems that have access to data sources, working internet and access to software for manipulating data
- With an end-point assessor

Key point

The scenario may use data sets that are in a different business domain to the one in which you normally work.

Do

- Review the criteria associated with the scenario demonstration with questioning - this can be found in the EPA Kit and in the table at the end of this document
- Prepare to conduct a scenario demonstration that will take 90 minutes
- Ensure a quiet room is available and that there are no interruptions
- Be prepared to answer at least 5 questions and any follow-up questions that your assessor may ask

Don't

- Forget to bring your ID
- Forget to plan
- Forget that you may use the internet to source information and guidance during your assessment

Next steps

- Results can take up to 7 working days to be confirmed
- Your manager or training provider will inform you of the results

Resits

- If you do not achieve a pass result on the scenario demonstration with questioning, you can resit the assessment

Use the table below to plan and prepare for the scenario demonstration with questioning

(P) indicates pass criteria

(D) indicates distinction criteria

Assessment criteria	Key points to remember
Data gathering	
(P) Explain different data element formats and how their selection can impact precision, analysis and communication (K4)	
(P) Demonstrate how to access and extract data as well as select and migrate data from identified sources (K5, S1)	
(P) Demonstrate how to collate and format data in line with organisational standards and able to collect, format and save datasets whilst being able to summarise and explain your gathered data (K6, S2, S3)	

(P) Demonstrate how to combine data from multiple sources using tools to identify trends and are able to present these in an appropriate format and enable manipulation of data sets as required (K13, S4)	
(D) Demonstrate a comprehensive understanding of collating, formatting, and saving data in strict adherence to industry standards, while efficiently analysing, summarising, and explaining the gathered data in a highly organised, systematic, and precise manner (K6, S2, S3)	
Data analysis and validation	
(P) Demonstrate how to audit data results to ensure accuracy, completeness, consistency, and traceability from original data. Understand how data analysis and querying tools can answer questions, solve problems and have the potential to use automation for repeated data manipulation (K14, S7)	
(P) Demonstrate how to filter details by focusing on information relevant to the data tasks and purpose, while identifying faults and cleansing the data (K15, S6)	

(P) Use basic statistical methods to extract relevant information from both structured and unstructured data (K16, S5)	
(P) Demonstrate the use of tools or methods that can or have been applied as prompts to research and evaluate data transformation techniques (K26, S16)	
(D) Identify how automation could be used for repeatable data manipulation to improve efficiency and accuracy (K14, S7)