Data Intelligence Analyst

District/Department	BC&I	Rank/Grade	Band E

Role purpose:	To work with other team members to identify a plan, collect and report on data. Review data from a variety of angles to determine and understand what it means and recommend the best way to apply and use the data across the organisation. Utilisation of data to create effective business intelligence to achieve the strategic objectives of the force and meet the difficult challenges it faces.

Summary of main duties

Translate complex business questions into data questions with both technical and non-technical audiences both verbally and in writing.

Break down large complex business problems into discrete achievable steps.

Undertake in-depth data analysis and translate into actions for consideration by decision makers.

Provide information to a range of customers on complex data intelligence analysis that is appropriate to the audience.

Work with large volumes of data to deliver timely analysis.

Explore, manipulate and visualise data in order to test hypotheses and find new patterns and business intelligence which are relevant to decision makers.

Cleanse and match multiple data sets in order to effectively cross reference, compare, contrast and draw conclusions.

Define and deliver analytical solutions that address customer and business requirements.

Work with others to ensure the benefits of data analysis are utilised within the scope of the project.

Design and conduct multiple data analysis projects, working independently on some and as part of a team on others.

Work with others to develop, refine and scale analytical tools, procedures and workflows to improve the organisation overall analytics capability.

May be required to work outside normal hours and travel around and outside of the force area.

Perform any other such duties as reasonably correspond to the general character of the post and are commensurate with its level of responsibility.

Competencies/behaviours

*Please access the College of Policing website (via Google Chrome) and refer to the **Competency and Values** for a definition of the values and essential behaviours for each required competency level.*

Competency	CVF Level
https://profdev.college.police.uk/professional-	**Level 1 – Practitioner**

profile/police-constable/	**Level 2 – Supervisor/Middle Manager** **Level 3 – Senior Manager/Executive**
We are emotionally aware	Level 1
We take ownership	Level 1
We are collaborative	Level 1
We deliver, support and inspire	Level 1
We analyse critically	Level 2
We are innovative and open-minded	Level 2
Core values for ALL employees:	
Integrity Impartiality	Public Service Transparency

Education, Qualifications, Skills and Experience (Outline the skills and educational and qualification requirements to be able to fulfil the role, this criteria should be considered as part of an individual's PDR)
Essential Criteria:
Qualified to degree level in a numerate discipline or demonstrate work experience at an equivalent level.
Experience of developing and delivering analytics products using a range of open and closed data sources and commercial and open source data analytics and visualisation tools.
Experience of practical implementation of data security, access control and data protection principles and legislation.
Ability to communicate effectively both written and verbal regarding data science, statistical and analytical concepts to technical and non-technical customers.
Ability to apply knowledge and experience to work independently or part of a team to solve technical problems in the delivery of an effective analytical product.
Evidence of applying new technologies to your approach to data science
Desirable Criteria:
Have an understanding of operational police work and be able to proactively develop solutions to policing problems.
Experience of using a range of tools, techniques and programming languages to perform data extraction, transformation, fusion, searching, modelling, prediction and exploitation.
Experience of implementing complex entity and relationship extraction and matching methodologies within a customer focused approach to solving business problems using data analytics

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