

Children's, Adults and Public Health Intelligence Career progression framework December 2024

Job Title	Range	Duties	Level A (Developing)	Level B (Practising)	Level C (
Senior Intelligence Analyst	Range 5	Performance monitoring and data quality: Support and liaise on the creation, maintenance, and development	Required for this level (in addition to all previous levels, where applicable)	In addition to level A	In additic
Anaiyst		of performance dashboards and reports to support the organisation to understand its performance and enhance decision making. Work with Service Area to ensure the accuracy, reliability, and integrity of data by implementing and overseeing rigorous quality control	Sector Specific framework: National Competency Framework (NCF) for Data Professionals in Health and Care Qualifications If no or limited experience: • Educated to degree level in related discipline.	Sector Specific framework: <u>National Competency Framework (NCF) for Data</u> <u>Professionals in Health and Care</u> <u>Qualifications</u>	Sector Sp National Professio
		processes. Propose corrective solutions to ensure accurate and up-to-date information. Statutory returns and information requests: Ensure the timely delivery of	 If relevant work experience (minimum of 2 years): Good general level of education (minimum of 2 A levels, or equivalent, in related disciplines such as maths). 		
		data and information in the required format for statutory and mandatory returns. Interpret guidance and communicate changes to data collections to ensure accurate implementation and reporting. Support the response to Freedom of Information (FOI) requests and Subject Access Requests (SARs) ensuring these are delivered in accordance with the legal timeframes. Data analysis and communication: Conduct in-depth analysis to identify trends, patterns, and insights translating data into actionable recommendations for stakeholders to ensure that decisions are evidence-based. Deliver data presentations to all organisational levels in a clear, meaningful and engaging manner, both verbally and in writing, tailored to accommodate both technical and non-technical audiences.	 Knowledge Understand statistical and analytical concepts and techniques. Knowledge of the key data protection principles and processes, such as including Data Protection Impact Assessments (DPIAs). Understand the impact of small numbers on identifiability of data. Understand the relational structure of the data in Power BI. Understand variability and how it affects the data being analysed. A good understanding of equality, diversity and inclusion. 	 Knowledge In-depth knowledge of Service Area data, including data sources, usage and recording practices, as well as a thorough understanding of key workflows and processes. Knowledge of Service Area interventions, services, policies, and strategies. Good knowledge of relevant tools, applications and systems used, such as R, SQL, Power BI, Excel and case management systems. Understand when data can be accessed and shared and know who to approach for advice or approval. Understand different geographies and how they can be displayed using point mapping, density mapping, choropleth, isoline maps, etc. Understand how descriptive statistics, such as prevalence and incidence, are interdependent. Knowledge of the difference between data analytics automation and data flow automation. 	 Knowled Knowled Knowled Statisti Thorous statute Knowled Knowled Folsait Knowled Folsait Knowled Knowled Service complete Understress Comproperate effecting develop Thorous and here
		Data protection : Ensure compliance with data protection regulation and council policies by implementing best practices	 Experience Proven experience of working autonomously and as part of a team, with access to advice and guidance when necessary. 	 Experience Experience working within a performance or business improvement environment. 	• Hands analyt



C (Accomplished)

ition to levels A and B

Specific framework:

nal Competency Framework (NCF) for Data sionals in Health and Care

ications

edge

- wledge of explicative (explanatory) istical skills.
- rough understanding of legislation and
- tutory requirements relating to Service Area. weldge of inspection frameworks and their evance to Service Area and ability to support
- reparation.
- rough understanding of the legislation that lies to requests for information, including s and SARs.
- wledge of the interrelationship between vices and service areas, and ensure analysis is applementary.
- derstand the business context and how the ults of analysis will be perceived.
- nprehensive understanding of service erations, plans and strategies, and can ectively support the service in reviewing and
- veloping them. prough understanding of social, economic,
- health inequalities.

ence

nds-on experience with more complex lytical techniques and statistical methods.

for data security, privacy, and gover throughout analytical processes. Joint Strategic Needs Assessment (J Lead on the update of data and proo such as profiles and infographics, fo JSNA to ensure the current and futu health and social care needs of the I community are identified, summaris and accessible for stakeholders. Stakeholder engagement and proje management: Support internal and external stakeholders to understand analytical needs, define project goal provide advice, and deliver data-driv solutions. Lead analytical projects fr inception to completion with the su of senior colleagues, ensuring timely delivery and high-quality projects th meet business requirements and objectives.	 for example, from deadlines, interruptions, or conflicting demand. ISNA): Experience in creating detailed analysis, comprehensive reports, and interactive dashboards. Experience presenting complex data insights to both technical and non-technical stakeholders. Experience of overseeing the work of others and providing training, guidance and direction. 	 Proven expertise in leveraging Service Area data sources to conduct complex analyses and generate comprehensive reports. Proven experience in leading and supporting analytical projects from initiation to completion, including planning, execution, and reporting, while consistently delivering timely and high-quality outputs. Intermediate experience using data analysis tools and software, such as Excel, SQL, R, and Power BI, for data analysis and visualisation. Proven experience completing multiple statutory returns, ensuring timely and accurate submissions. Proven experience supporting services to reply to requests for information, including FOIs and SARs, ensuring accuracy and compliance with legal requirements. 	 Inter apply gove with Expe more effor inclu Expe inclu Child integ Expe analy deve perfo Expe to co Expe and/ Expe mana
 Innovation and excellence: Keep up date with the latest data sources, emerging analytical tools, and curre national evidence, implementing be practice to produce innovative analy and reporting and enhance effective and efficiency. Training and development: Support the training and development of oth across the directorate in information intelligence skills to disseminate knowledge and best practice. Particin the recruitment, induction and orientation of new team members, and develop interns, apprentices, ar analysts, and deputise for the Princi Intelligence Analyst as required. 	 Proficient in the use of Microsoft packages including Word, Excel, Outlook and Team and be numerate, computer and data literate. Strong verbal and written communication skills to convey complex information clearly and effectively. Can extract data from multiple sources and can identify if the data is accurate and fit for purpose. Can identify a broad range of data quality issues and perform data cleansing and consistency checks. Can apply a range of techniques to transform data into valid and purposeful information. Can import data into underlying data models in 	 Skills Able to work with the requestor of the analysis to understand the underlying question and apply knowledge to plan the preferred approach to the analysis. Can participate in discussions determining which performance measures are appropriate and can turn business needs and goals into performance measures. Can make use of appropriate information to help analyse a range of common problem. Able to employ a number of problem-solving techniques (e.g. root cause analysis) to identify the reason for unexpected problems and utilise a range of skills to solve these. Can identify problems arising from databases and processes and seek out remedies and preventative measures. Able to understand the limitations of the systems, both human and digital, from which the data arises and incorporate summary statistics to clarify the meaning of the data and variations within it. Able to review and update analysis production methods and documentation following any changes to data, processing or requirements and employ quality assurance techniques to ensure the validity of the results. 	 Skills Able shari Can s learn shari peop Can a analy and t Can a anon secui Able in or effect Can l maps bene Can l maps bene Can l discuire Able the P

ermediate experience independently plying the principles of GDPR and information vernance, including supporting colleagues th DPIAs.

perience integrating inequalities data into ore complex analyses and reports, and leading forts to advocate for better data recording on clusion.

perience working with cross-functional teams, cluding but not limited to Public Health,

ildren and Adults, ICT, Finance, etc., to egrate data insights across the organisation. perience mentoring and training junior

alysts, fostering their professional

velopment and contributing to a highrforming team environment.

perience of developing and supporting others complete statutory returns.

perience supporting research, evaluations d/or needs assessments.

perience of influencing peers and senior anagers.

le to learn from mistakes and are confident in aring those learnings.

n seek out development opportunities to arn both individually and as part of a team, aring knowledge with peers, whilst building ople skills into all aspects of daily routines. n engage with team colleagues and the wider alytical community to learn about new tools d techniques.

n apply data governance requirements, onymisation protocols, and follow all data curity procedures as mandated.

le to apply further explicative statistical skills order to interpret and describe data fectively.

n link to and produce data flow and process aps that show where automation would be neficial.

n utilise associated modules and add-ins to ols, such as R, Python, Excel or SQL, in order perform complex manipulation and ualisation, data linkage and data quality.

n lead meetings, ensuring productive cussions, clear outcomes, and effective low-up actions.

le to confidently represent and deputise for e Principal Analyst as directed.

 bias and possible issues with commonly misunderstood terms. Can understand and utilise the appropriate media to communicate findings. Can adopt the most appropriate tool for the tasks. Able to ensure work is completed to a high standard. Able to identify and complete tasks allocated by senior staff, documenting competency and learning in a professional body of work. Capable of promoting the relevant professional values at all times and demonstrating compassion for both oneself and colleagues. 	 Can plan ahead for further iterations of any analysis. Able to reverse-engineer existing analyses and replicate the method and results. Can proficiently use technologies/tools, such as R, Excel and SQL, to create, manipulate, and analyse data sets, and can develop sophisticated visualisations. Can code to a standard to conduct work independently, such as R, SQL, DAX, etc. Can use tools to automate data processing tasks. Can actively participate in meetings, representing the intelligence team, making meaningful contributions, and providing feedback to the team. Able to develop and maintain positive professional relationships with internal and external colleagues, leveraging strong negotiation skills to achieve mutually beneficial
	professional relationships with internal and