

# DATA SCIENCE GRADUATE

## JOB FAMILY – INSIGHT AND INNOVATION



**Purpose:** To support effective business decision making through quality data products and delivery of analysis, insights and impactful data visualisations.

### Accountabilities

- As you rotate through the different roles within this scheme, you will experience the different steps of the data journey from designing flexible data products, extracting appropriate data, designing dashboards, building quantitative models and automating solutions.
- Investigates business problems, challenging stakeholders using a structured iterative approach e.g. requirements workshops, prototype analysis etc
- Develops knowledge of their business area and understands how their work fits within the business plan
- Obtains data from the business area's data source(s) to provide new insights or input to business modelling
- Clearly communicates key messages to small groups and decision makers in the business area and able to explain complex issues
- Designs quality repeatable solutions considering standard automation, data science and engineering tools, techniques, documentation and frameworks
- Enables evaluation of scenarios to support key decisions, through development of insightful metrics, visualisations, quantitative and qualitative models
- Identifies data optimisation opportunities to ensure efficient, accurate coding, and a good user experience
- Ensures all relevant IAG IT and BA data security policy and protocols are followed
- Scopes and manages their own deliverables using good project and time management practices

### Behaviours & attitude

- I'm a role model for all BA brand behaviours and ways of working – I walk the talk
- I exude a can-do attitude (best of BA)
- I'm flexible and agile, always ready to adapt when things don't go to plan
- I'm an ambassador for BA and my team
- I work well in a team environment, hungry to learn and not daunted by asking for help and find it rewarding to help others

### Learning journey

The programme offers you three placements in which you will fulfil roles in Data Science, Data Visualisation and Data Engineering, where you can develop and maximise your quick-thinking, eye for detail, analytical ability, logical problem solving and ambition.

### Expertise & knowledge

- Good awareness of key issues for BA and awareness of key competitors
- Strong analytical skills, including the ability to apply a range of data science, data visualisation and data engineering techniques
- Knowledge of a range of data science, data visualisation and/or data engineering tools and techniques and able to apply modelling techniques to well defined, but complex problems in an academic or business environment
- Knowledge of SQL (preferable but not essential)
- Proficient in MS Office, including strong Excel Skills

### Qualifications

- A minimum of a 2:2 degree (with significant numerical / Data Science / Advanced Analytics / Applied Statistics / Computer Science content)
- Minimum of grade B at A-Level Maths (or equivalent)