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| A | **Post Details** |
|  | Job Title: | Data Architect | Function: | Commercial  |
|  | Location: | 4 More London Riverside, London, SE1 2AU | Unique Post Number: |  |
|  | Reports To: | Head of Insight  | Grade: | MG2 |
| B | **Purpose of the Job** |
|  | Southeastern wishes to achieve autonomy in managing our data warehouse, Power BI Tabular layer and Azure tenancy. Previously this work had been outsourced, with the increased use of our Azure tenancy solution as a central repository of a considerable array of data, we have a need for the skills of a Data Architect to ensure that we capitalise on this important featureThe core element of the role will be translating business requirements into technical specifications and the building of the defined designs To ensure robust table design, efficient & flexible ETL packages to ensure best practise methods for data management & storage |
| C | **Principal Accountabilities** |
| C1C2C3C4C5C6C7 | Development (visualisation and build) of a model for the management and storage of Service Quality Regime data (a DfT mandated requirement) – generating a comprehensive schema, table structure including full field level description and master reference tables as well as linkage to Power Bi Dashboards (you will have the assistance of an Analyst in this task)To deliver the data roadmap of defined business improvements and developments, escalating issues as they ariseMaintenance of the existing documentation of the ETL processes (Power BI and DWH) including description of error trapping, ETL template compliance and file formattingNew data streams are continually evolving such as Near Real Time passenger counting data, transaction passenger ticketing data, each of these will need to be modelledRecommendation for enhancements, changes and improvements to the data warehouse, Power BI tabular model and the ETL process to improve efficiency, robustness and resilience, together with an implementation plan (Data Analysts will be able to provide evidence of existing issues needing to be resolved)Support the Data Analysts in the development of further dashboard automation To ensure that the benefits of the work undertaken are fully realised, it is imperative that the Data Analysts are able to become fully conversant in being able to maintain and control the data warehouse and Power BI tabular layer  |

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| G | **Person Specification** |
| G1 | Experience, Knowledge & Qualifications - EssentialPower user of SQL including SSIS Highly proficient with Visual Studio or equivalent Highly proficient in Power BI and use of Analysis services Tabular modelExcellent communication skills (verbal & written) and the ability to get on with people at all levels. Ability to interface with non-technical people and has the skills to interpret and convert non-technical requests into technical requirements. |
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| I | **Acknowledgement** |
| I1 | Prepared By: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| I2 | Approved By (Head of Department): | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |