### Data dictionary

Below are the data definitions for the following tables:

Job Title

|  |  |
| --- | --- |
| Column name | Definition |
| JobId | The unique ID for the job |
| Job\_title | The title of each job |
| Job\_role | Broader job title |

Programming languages

|  |  |
| --- | --- |
| Column name | Definition |
| jobId | The unique ID for the job |
| R | Programming language either required (1) or not(0) for each job |
| Matlab | Programming language either required (1) or not(0) for each job |
| Python | Programming language either required (1) or not(0) for each job |
| Kavascript | Programming language either required (1) or not(0) for each job |
| SQL | Programming language either required (1) or not(0) for each job |
| Tableau | Programming language either required (1) or not(0) for each job |
| C | Programming language either required (1) or not(0) for each job |
| Java | Programming language either required (1) or not(0) for each job |
| Ruby | Programming language either required (1) or not(0) for each job |

State

|  |  |
| --- | --- |
| Column name | Definition |
| jobId | The unique ID for the job |
| state | The state where the job is based |

Work Type

|  |  |
| --- | --- |
| Column name | Definition |
| jobId | The unique ID for the job |
| Industry | The renamed job classification |
| Departments | The renamed job sub-classification |
| Works\_type | The type of contract |