|  |  |  |  |
| --- | --- | --- | --- |
| Name of feature | Description | Type | Relevance |
| Flights | Flight name | Nominal | Irrelevant. It does not provide useful information |
| ID | main Airport ID, Destination ID | Nominal | Irrelevant. It does not provide useful information |
| main Airport, Destination | Source, target | Nominal | Relevant. It provides useful information for adjacency matrix and further manipulations |
| Haults | Flight stops | Ratio | Irrelevant. It does not provide useful information |
| Machinary | Machine inspections | Nominal | Irrelevant. It does not provide useful information |

**Network Analytics**

**Name: Nithin Dsouza**

**ID:02012021-10AM**

**PROBLEM1:**

**Connecting Routes:**

**Flight Hault:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name of feature | Description | Type | Relevance |
| ID | Identification | Nominal | Irrelevant. It does not provide useful information |
| Name, City, Country | Information | Nominal | Irrelevant. It does not provide useful information |
| IATA\_FAA | Information | Nominal | Irrelevant. It does not provide useful information |
| ICAO | Information | Nominal | Irrelevant. It does not provide useful information |
| Latitude | Angular distance | Continuous | It provides useful information |
| Longitude | Angular distance | Continuous | It provides useful information |
| Altitude | Object height | Continuous | It provides useful information |
| Time | Information | Continuous | It provides useful information |
| DST | Information | Categorical | Irrelevant. It does not provide useful information |
| Tz database time | Timings | Nominal | It provides useful information |

**Buisness Objective** :

Maximise: Profit

**Buisness Constraint**:

Improve service and facilities