

# **Analysis Questions Document**

**1) Total Rev = 741,921**

**2) Number of Journeys = 31653**

**3) Number of Cancelled Journeys = 1880**

**4) Number of Delayed Journeys = 2292**

**5) Reasons for Delay:**

<b>Reason_for_Delay</b>	<b>Times</b>
Weather Conditions	927
Technical Issue	472
Signal Failure	451
Staff Shortage	183
Staffing	172
Traffic	87

**6) Avg Ticket Price = 23.44**

**7) Purchase Type Revenue and Tickets Count:**

<b>Purchase_Type</b>	<b>Revenue</b>	<b>Tickets_Count</b>
Online	382754	18521
Station	359167	13132

**8) Ticket Type Revenue and Tickets Count:**

Ticket_Type	Revenue	Tickets_Count
Advance	309274	17561
Off-Peak	223338	8752
Anytime	209309	5340

**9) Ticket Class Revenue and Tickets Count:**

Ticket_Class	Revenue	Tickets_Count
Standard	592522	28595
First Class	149399	3058

**10) Avg Delayed Time = 42 mins**

## 11) Top 10 Stations with Highest Ticket Purchased Volume:

Departure_Station	Total_Tickets
Manchester Piccadilly	5650
London Euston	4954
Liverpool Lime Street	4561
London Paddington	4500
London Kings Cross	4229
London St Pancras	3891
Birmingham New Street	2136
York	927
Reading	594
Oxford	144

**12) Top 10 Stations with Most Delayed + Canceled Journeys:**

<b>Departure_Station</b>	<b>Disruptions</b>
Liverpool Lime Street	1134
Manchester Piccadilly	987
London Euston	515
London Paddington	423
London Kings Cross	339
London St Pancras	290
Birmingham New Street	268
York	115
Edinburgh Waverley	51
Reading	29