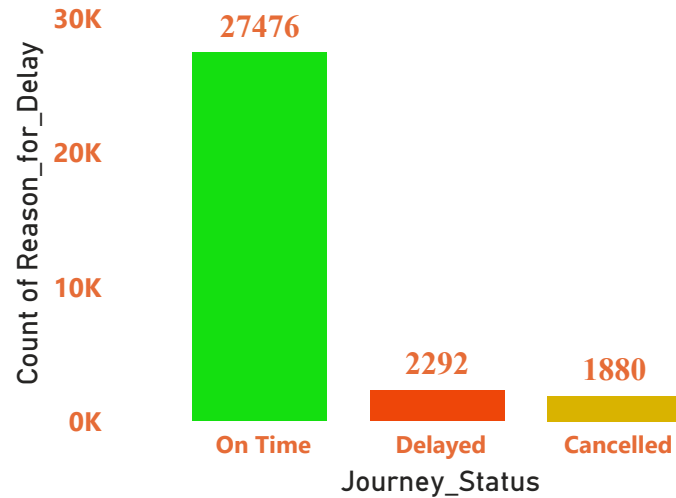


PROJECT ON RAILWAY PERFORMANCE ANALYTICS

Over All Count

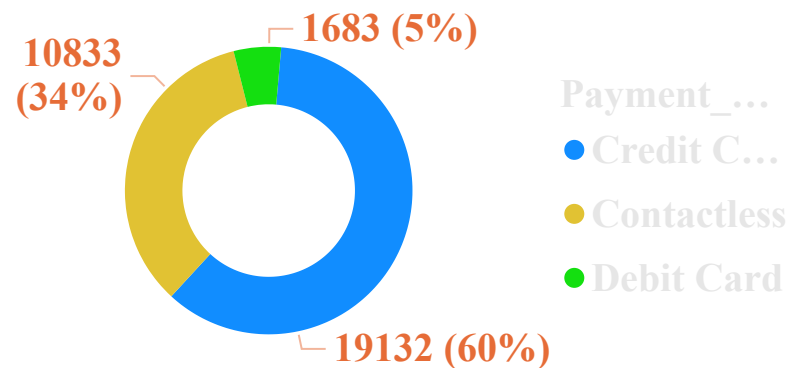
31648

Reason for Delay by Journey

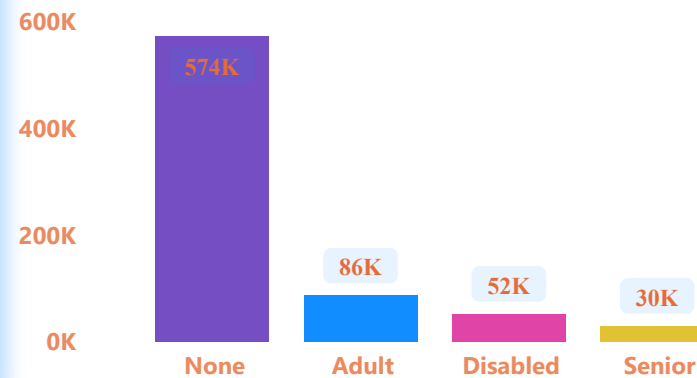


Departure_Station	Arrival_Destination	Travel_Month	Departure_Time	Actual_Arrival_Time	Travel_Count	Sum of Time_Difference_Minutes	Sum of Satisfaction_Score
London Euston	Birmingham New S...	April	16:00:00	18:41:00	12	972	-9
Liverpool Lime Street	London Euston	January	08:00:00	11:13:00	19	1102	-9
London Euston	Birmingham New S...	January	16:00:00	18:52:00	9	828	-8
Liverpool Lime Street	London Euston	January	08:00:00	11:11:00	16	896	-8
London Euston	Birmingham New S...	April	16:00:00	18:51:00	8	728	-7
London Euston	Birmingham New S...	February	16:00:00	18:59:00	8	792	-7
Liverpool Lime Street	London Euston	April	08:00:00	10:58:00	17	731	-6
Liverpool Lime Street	London Euston	January	08:00:00	11:04:00	16	784	-6
London Euston	Birmingham New S...	April	16:00:00	18:45:00	8	680	-6
London Euston	Birmingham New S...	February	16:00:00	18:42:00	8	656	-6
Manchester Piccadilly	Liverpool Lime Street	February	11:00:00	14:11:00	4	644	-6

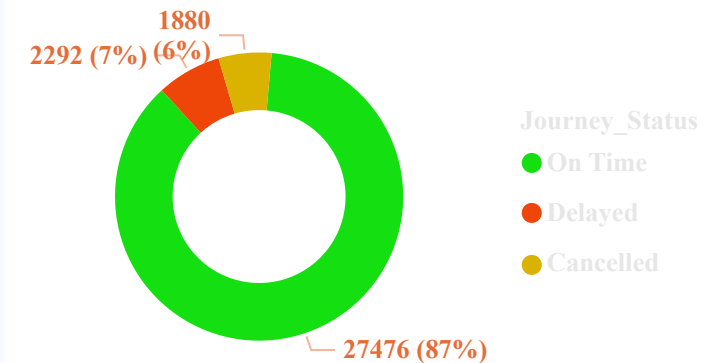
Payment Method



Sum of Price by Railcard



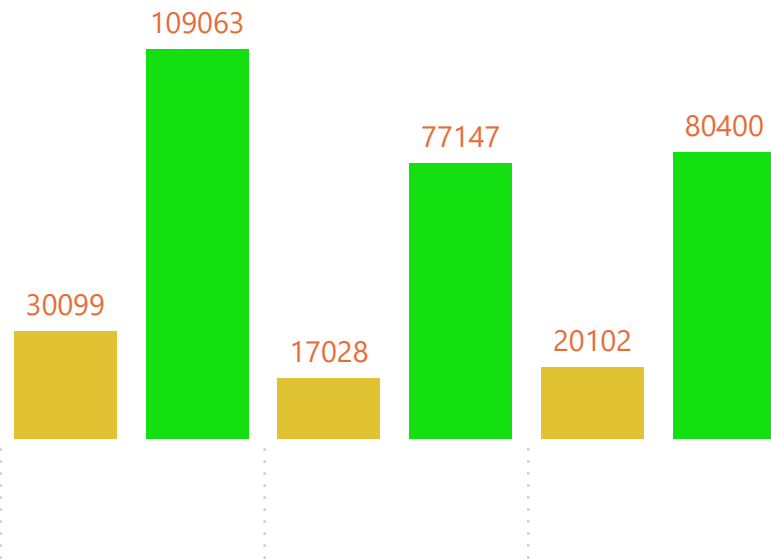
Satisfaction Score by Journey Status



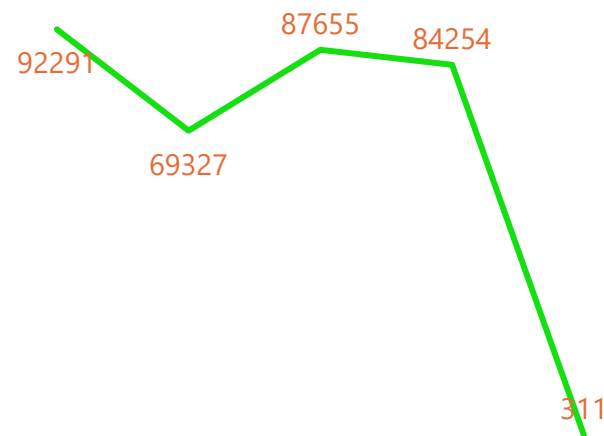
PROJECT ON RAILWAY PERFORMANCE ANALYTICS

Date_of_Purc...	Date_of_Jou...	Departure_Station	Arrival_Destination	
<input checked="" type="checkbox"/> Select all	<input checked="" type="checkbox"/> Select all	<input checked="" type="checkbox"/> Select all	<input checked="" type="checkbox"/> Select all	741864
<input checked="" type="checkbox"/> 08 December 2023	<input checked="" type="checkbox"/> 01 January 2024	<input checked="" type="checkbox"/> Birmingham New Street	<input checked="" type="checkbox"/> Birmingham New Street	408025
<input checked="" type="checkbox"/> 16 December 2023	<input checked="" type="checkbox"/> 02 January 2024	<input checked="" type="checkbox"/> Bristol Temple Meads	<input checked="" type="checkbox"/> Bristol Temple Meads	3,33,839
<input checked="" type="checkbox"/> 19 December 2023	<input checked="" type="checkbox"/> 03 January 2024	<input checked="" type="checkbox"/> Edinburgh Waverley	<input checked="" type="checkbox"/> Cardiff Central	
<input checked="" type="checkbox"/> 20 December 2023	<input checked="" type="checkbox"/> 04 January 2024	<input checked="" type="checkbox"/> Liverpool Lime Street	<input checked="" type="checkbox"/> Coventry	

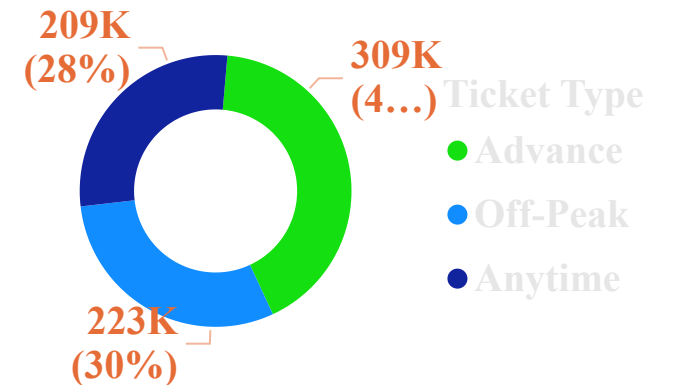
Total_Profit by Ticket Type and Ticket_Class



Total_Profit by Month



Total_Revenue by Ticket Type



PROJECT ON RAILWAY PERFORMANCE ANALYTICS

Departure_St...	Arrival_Dest...	Departure_Time	Arrival_Time	avg(Time_Dif...
<input checked="" type="checkbox"/> Select all	<input type="checkbox"/> Select all	<input checked="" type="checkbox"/> Select all	<input type="checkbox"/> Select all	<input checked="" type="checkbox"/> Select all
<input checked="" type="checkbox"/> Birmingham Ne...	<input type="checkbox"/> Birmingham Ne...	<input checked="" type="checkbox"/> 03:30:00	<input checked="" type="checkbox"/> 05:20:00	<input checked="" type="checkbox"/> 11.15
<input checked="" type="checkbox"/> Liverpool Lime S...	<input type="checkbox"/> Bristol Temple ...	<input checked="" type="checkbox"/> 08:00:00	<input type="checkbox"/> 09:20:00	<input checked="" type="checkbox"/> 13.63
<input checked="" type="checkbox"/> Manchester Picc...	<input type="checkbox"/> Doncaster	<input checked="" type="checkbox"/> 09:30:00	<input checked="" type="checkbox"/> 09:50:00	<input checked="" type="checkbox"/> 14.33
	<input type="checkbox"/> Durham	<input checked="" type="checkbox"/> 15:30:00	<input checked="" type="checkbox"/> 10:15:00	<input checked="" type="checkbox"/> 15.87

Departure_Station	Arrival_Destination	Departure_Time	Arrival_Time	Average of avg(Time_Difference_Minutes)
Liverpool Lime Street	London Euston	08:00:00	10:15:00	42.24
Manchester Piccadilly	London Euston	08:00:00	09:50:00	36.93
Manchester Piccadilly	London Euston	03:30:00	05:20:00	22.70
Liverpool Lime Street	London Euston	17:30:00	19:45:00	16.75
Manchester Piccadilly	London Euston	15:30:00	17:20:00	16.45
Manchester Piccadilly	London Euston	17:30:00	19:20:00	16.13
Manchester Piccadilly	London Euston	09:30:00	11:20:00	15.87
Liverpool Lime Street	London Euston	15:30:00	17:45:00	14.33