Maven Rail Challenge (UK Train Rides)
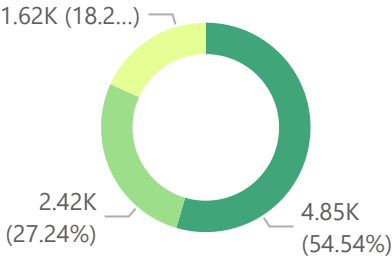
MAVEN® ANALYTICS

VINTAGE TRAIN RAILWAY

- Dashboard
- Revenue
- Ticket
- Performance

31653	27481	2292	1880	£741,921
Total Passenger	On Time	Delayed	Cancelled	Total Revenue

Top 3 Route by Revenue

- £65K (18.0...)
- £183K (50.63%)
- £113K (31.31%)

Ticket by Type

- 1.62K (18.2...)
- 4.85K (54.54%)
- 2.42K (27.24%)

Ticket booking by time

1. 6:45 PM is pick Hours for ticket booking, at this time 2598 ticket booked.
2. 12:45AM, 01:15 & 10:45PM is off hours for booking, at this time 32 ticket where booked

(Line chart from 12:00 AM to 6:00 PM, y-axis 0K to 3K)
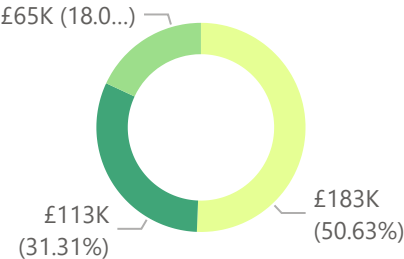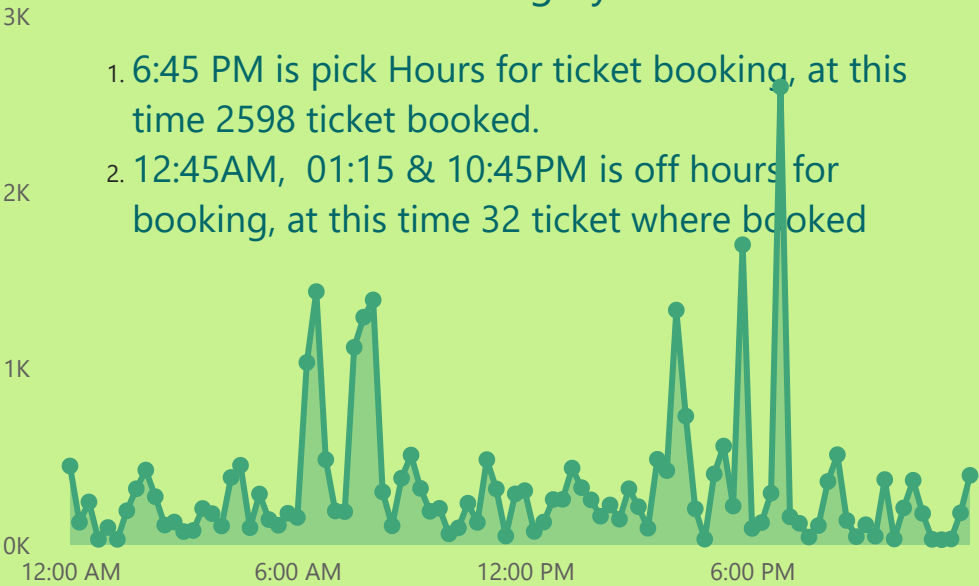
Route	Passenger	On Time	Delayed	Cancelled
Manchester - Liverpool	3984	3984	354	290
London Euston - Birmingham	3756	3756	242	211
London Kings Cross - York	3593	3593	131	198
London Paddington - Reading	3521	3521	66	286
London St Pancras - Birmingham	3198	3198		273
Liverpool - Manchester	2771	2771	107	124
London Euston - Manchester	667	667		45
Birmingham - London St Pancras	651	651		51
London Paddington - Oxford	422	422		63
London St Pancras - Leicester	321	321		16
York - Durham	225	225	16	17
York - Peterborough	220	220		22
Liverpool - London Euston	218	218	780	99
Reading - Swindon	216	216		12
Birmingham - Tamworth	210	210		17
Birmingham - Nuneaton	205	205		14
Liverpool - Crewe	188	188		5
Birmingham - Stafford	186	186		4
York - Doncaster	173	173	27	11
Birmingham - Liverpool	171	171		4
Manchester - Sheffield	170	170		1
London Kings Cross - Edinburgh	154	154		9
York - Edinburgh	149	149		4
Total	**27481**	**27481**	**2292**	**1880**

Design & Develop By
Rahul Kumar

UK Train Rides (Revenue Analysis)

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£741,921
Total Revenue

£38,702
Sum of Price

31653
Total Transaction

1118
Refund Requested

Revenue by Arrival Station

£0.15M   £0.59M

Revenue by Refund Status

£0.70M

£0.04M

Revenue by Refund Requested

Revenue by Payment Method

£53K (7.14%)

£21... (29...)

£470K (63.28%)

Revenue by Payment Method

£30K (3.99%)

£86K (11....)

£574K (77.33%)

Advance	Anyti...
£309K	
Off-Peak	£209K
£223K	

Revenue by Date of Journey

Revenue by Departure Station

£200K
£135K
£112K
£84K
£75K
£63K
£38K
£20K
£10K
£3K
£2K
£0K

£199,650
London Kings Cross

Revenue by Arrival Station

£185K
£151K
£106K
£78K
£68K
£34K
£24K
£22K
£11K
£14K
£11K
£7K £4K £4K £3K £3K £3K
£2K

£185,403
York

Top 5 Route by Revenue

£183K
£113K
£65K
£61K
£53K

UK Train Rides (Ticket Analysis)

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64 Total Route

12 Departure Station

31 Arrival Destination

- Dashboard
- Revenue
- Ticket
- Performance
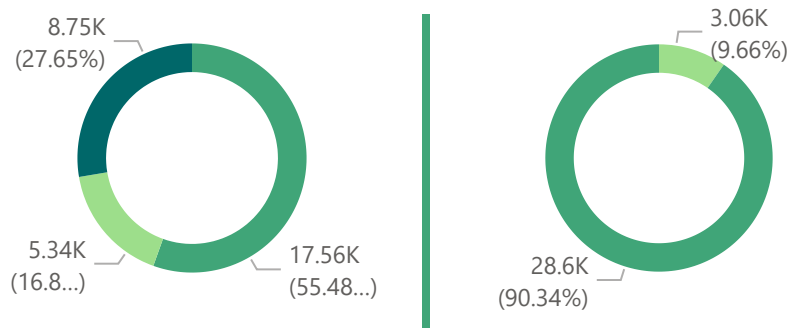
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Ticket Booked by Payment method & Purchase type

18.5K

13.1K
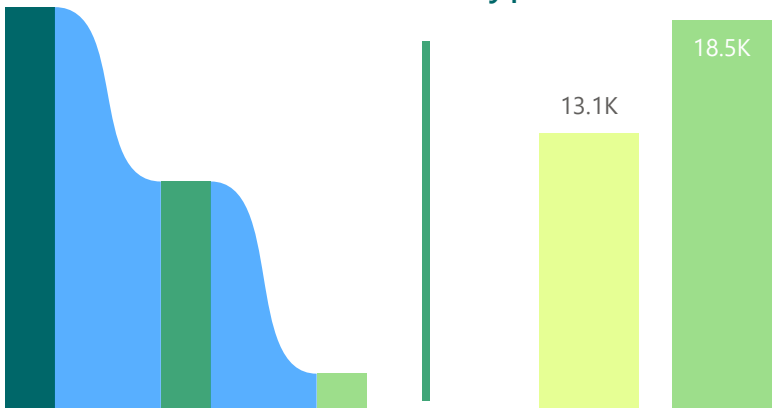
Ticket Booked by Ticket Type & Ticket Class

8.75K (27.65%)

5.34K (16.8...)

17.56K (55.48...)

3.06K (9.66%)

28.6K (90.34%)

Ticket Booked by Route

Route	Value
Manchester ...	4.6K
London Eus...	4.2K
London Kin...	3.9K
London Pad...	3.9K
London St P...	3.5K
Liverpool - ...	3.0K
Liverpool - ...	1.1K
London Eus...	0.7K
Birmingham...	0.7K
London Pad...	0.5K
Manchester ...	0.3K

Ticket Booked by Rail Card

2.8K (8.85%)

3.09K (9.76%)

4.85K (15.3...)

20.92K (66.09%)
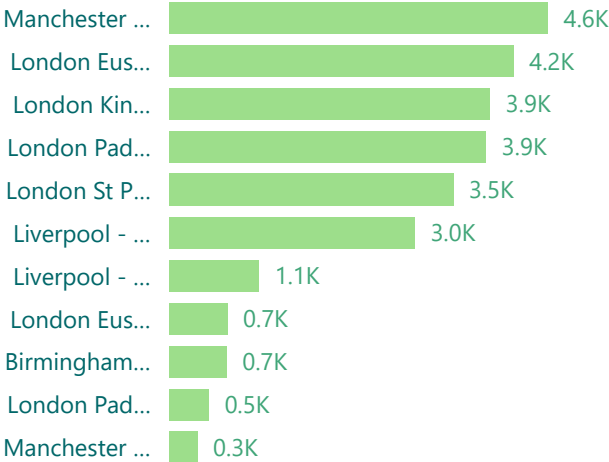
Ticket Booked by Arrival Destination

Destination	Value
Birmingham	7.7K
Liverpool	5.0K
York	4.0K
Manchester	4.0K
Reading	3.9K
London Eus...	1.6K
London St P...	0.7K
Oxford	0.6K
London Pad...	0.4K
Leicester	0.3K
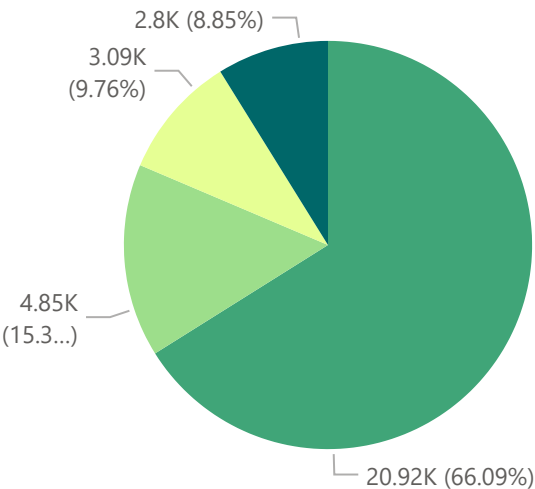
Ticket Booked by Departure Destination

Destination	Value
Birmingham	7.7K
Liverpool	5.0K
York	4.0K
Manchester	4.0K
Reading	3.9K
London Eus...	1.6K
London St P...	0.7K
Oxford	0.6K
London Pad...	0.4K
Leicester	0.3K
Edinburgh	0.3K
Sheffield	0.3K
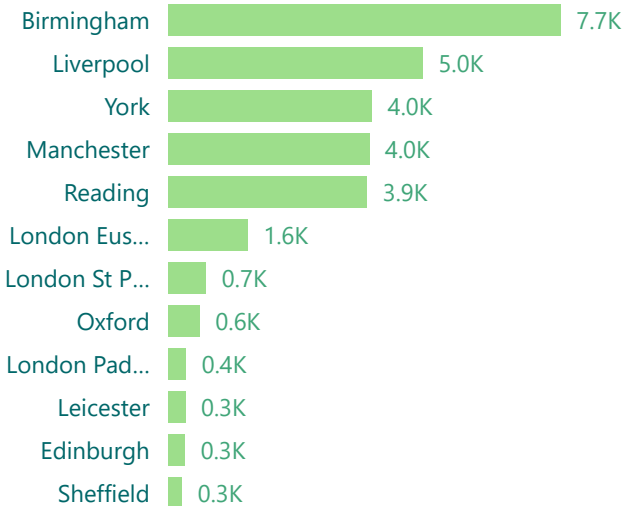
UK Train Rides (Performance Analysis)
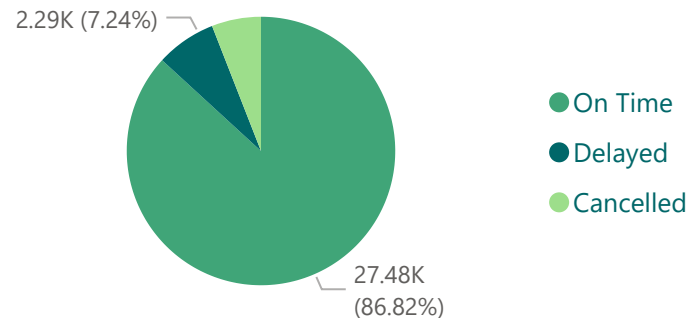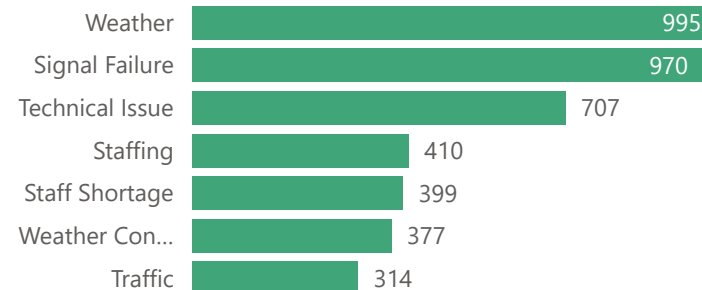
MAVEN® ANALYTICS

Dashboard

Revenue

Ticket

Performance

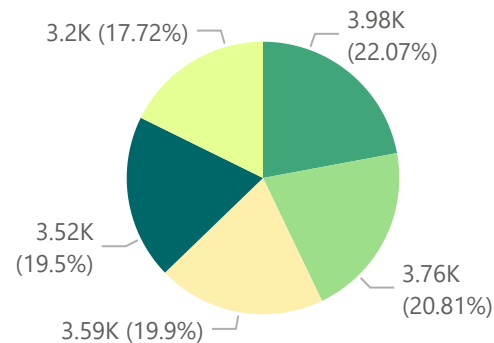Design & Develop By
Rahul Kumar

Trip count by Journey Status

2.29K (7.24%)

27.48K (86.82%)

- ● On Time
- ● Delayed
- ● Cancelled

Delayed By Reason

Reason	Value
Weather	995
Signal Failure	970
Technical Issue	707
Staffing	410
Staff Shortage	399
Weather Con...	377
Traffic	314

Top 5 Route by Cancelled

Route

Top 5 Route by On Time

3.2K (17.72%)
3.98K (22.07%)
3.52K (19.5%)
3.76K (20.81%)
3.59K (19.9%)

Top 5 Route by Delayed

240 (13.74%)
780 (44.65%)
242 (13.85%)
354 (20.26%)

Journey Status ● Cancelled ● Delayed ● On Time

Manch... - Liver... | London Euston ... | London Kings C... | London Paddin... | London St Panc... | Liverpo... - Manc... | Liverpo... - Lond... | London Euston ... | Birmin... - Lond... | London Paddin...
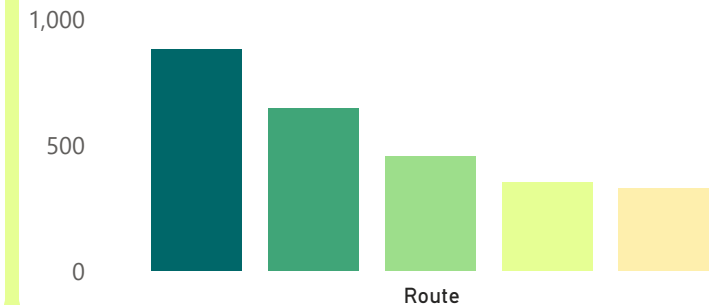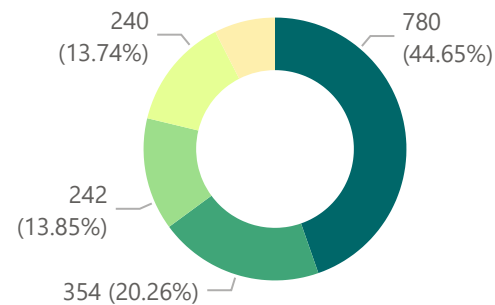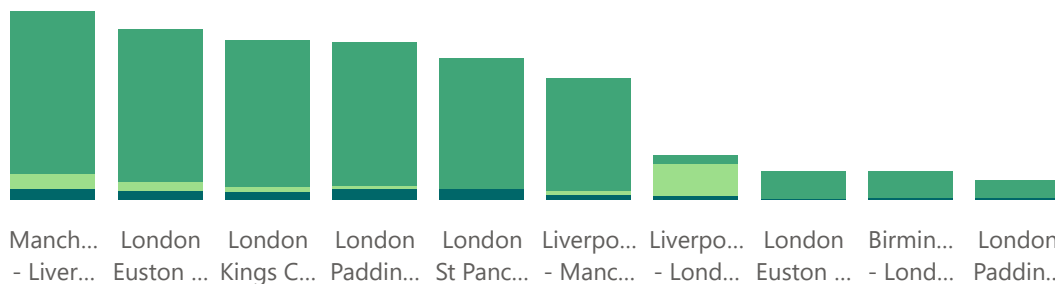
Route	Total Trip	On Time	Delayed	Cancelled
Birmingham - Coventry	65	60		5
Birmingham - Edinburgh	16	16		
Birmingham - Liverpool	175	171		4
Birmingham - London Euston	125	76	44	5
Birmingham - London Kings Cross	17	17		
Birmingham - London Paddington	32	28		4
Birmingham - London St Pancras	702	651		51
Birmingham - Manchester	224	110	96	18
Birmingham - Nuneaton	219	205		14
Birmingham - Reading	47	44		3
Birmingham - Stafford	190	186		4
Birmingham - Tamworth	227	210		17
Birmingham - Wolverhampton	32	29		3
Birmingham - York	65	65		
Bristol - Cardiff Central	16	16		
Edinburgh - London Kings Cross	51		51	
Liverpool - Birmingham	14	12		2
Liverpool - Crewe	193	188		5
Liverpool - Leeds	96	96		
Total	**31653**	**27481**	**2292**	**1880**