



Roy Peters
Python Developer in Training | Fast API •
Django • Automation | Portfolio in Progress.

Traffic Incident Summary

Analysis Period: 01, Jan, 2024 to 12, Dec, 2024

TOTAL DATASET: 1613 records analyzed.

MOTORWAY SCOPE: 75 incidents (4.6% of total).

PROFILED RISK GROUPS:

- Primary Driver Gender: Male
- Most Frequent Vehicle: VOLKSWAGEN GOLF

ENVIRONMENTAL PROFILE:

- Predominant Weather: Fine (no high winds)
- Predominant Lighting: Daylight

SEVERITY RISK:

- Slight: 1133
- Serious: 467
- Fatal: 13

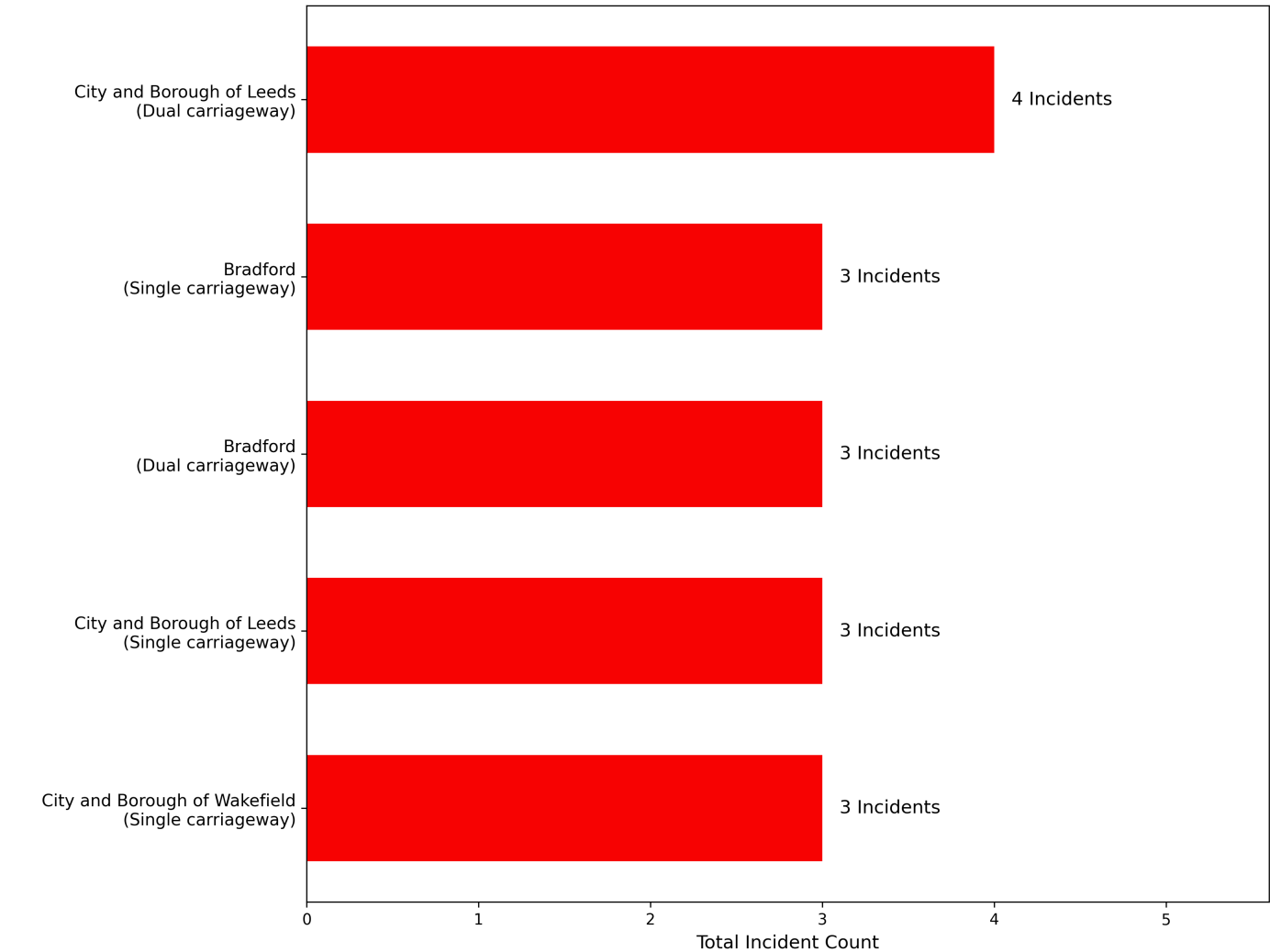
REGIONAL HAZARD SCORE: 29.8%

West Yorkshire Traffic Analysis Report

Top 5 Priority Accident Blackspots

- [Site @ 53.79, -1.524 \(City and Borough of Leeds\) | Dual carriageway \(4 incidents\)](#)
- [Site @ 53.812, -1.794 \(Bradford\) | Single carriageway \(3 incidents\)](#)
- [Site @ 53.788, -1.741 \(Bradford\) | Dual carriageway \(3 incidents\)](#)
- [Site @ 53.807, -1.536 \(City and Borough of Leeds\) | Single carriageway \(3 incidents\)](#)
- [Site @ 53.715, -1.402 \(City and Borough of Wakefield\) | Single carriageway \(3 incidents\)](#)

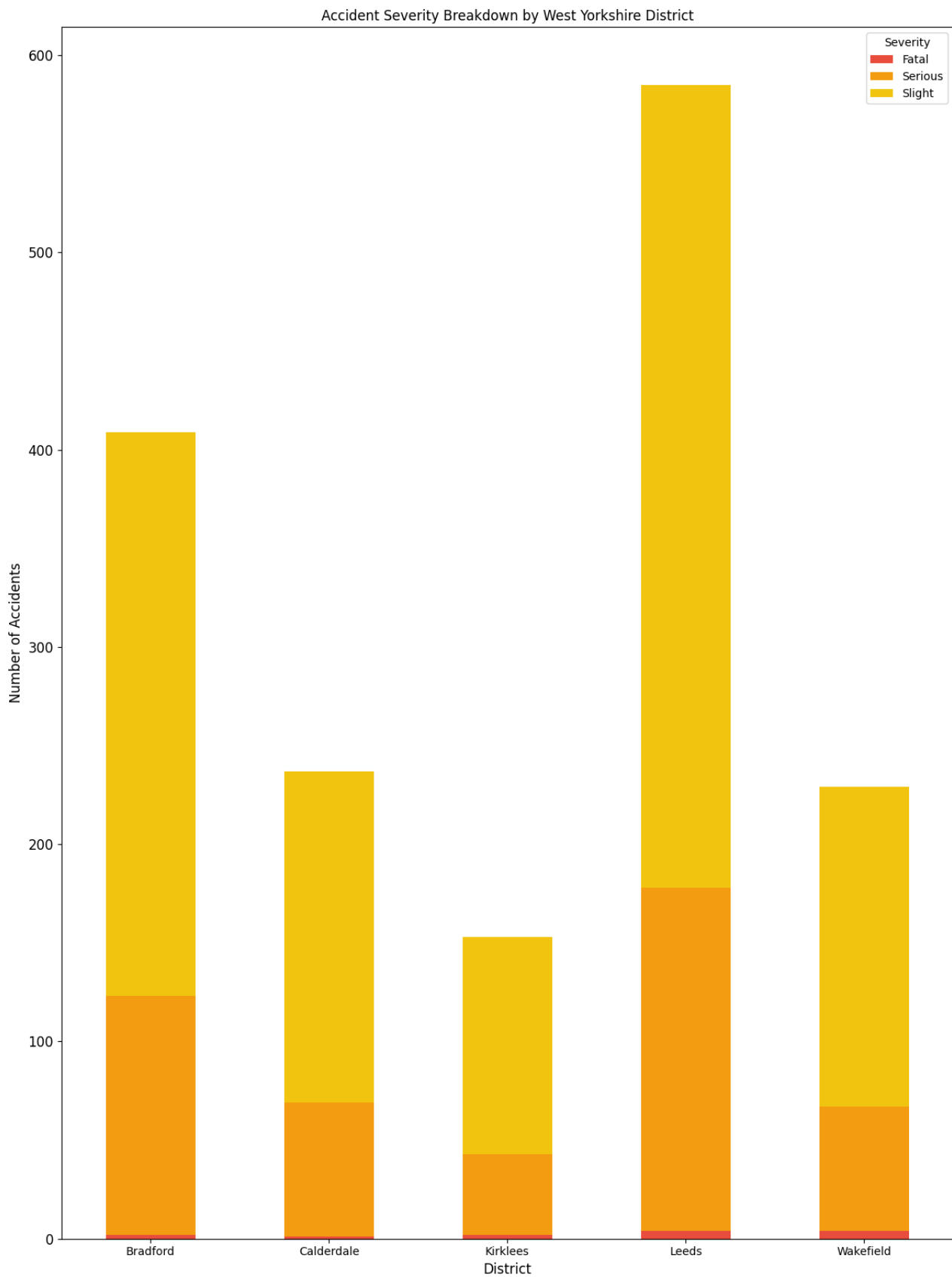
Priority Analysis: Top 5 West Yorkshire Blackspots



Analysis Period: 01, Jan, 2024 to 12, Dec, 2024 | Coordinates listed in full report.

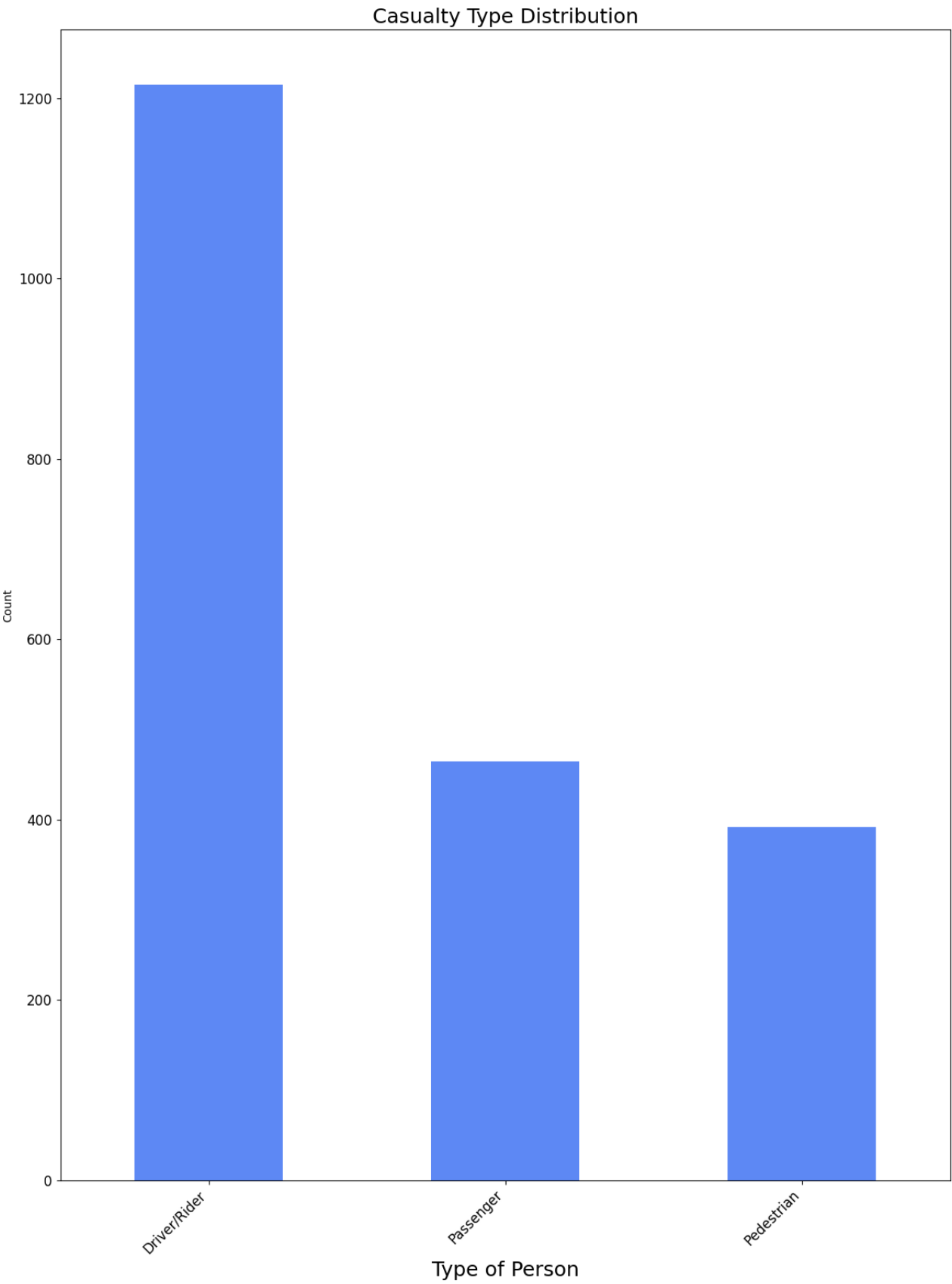
West Yorkshire Traffic Analysis Report

Accident Severity Breakdown By West Yorkshire District



West Yorkshire Traffic Analysis Report

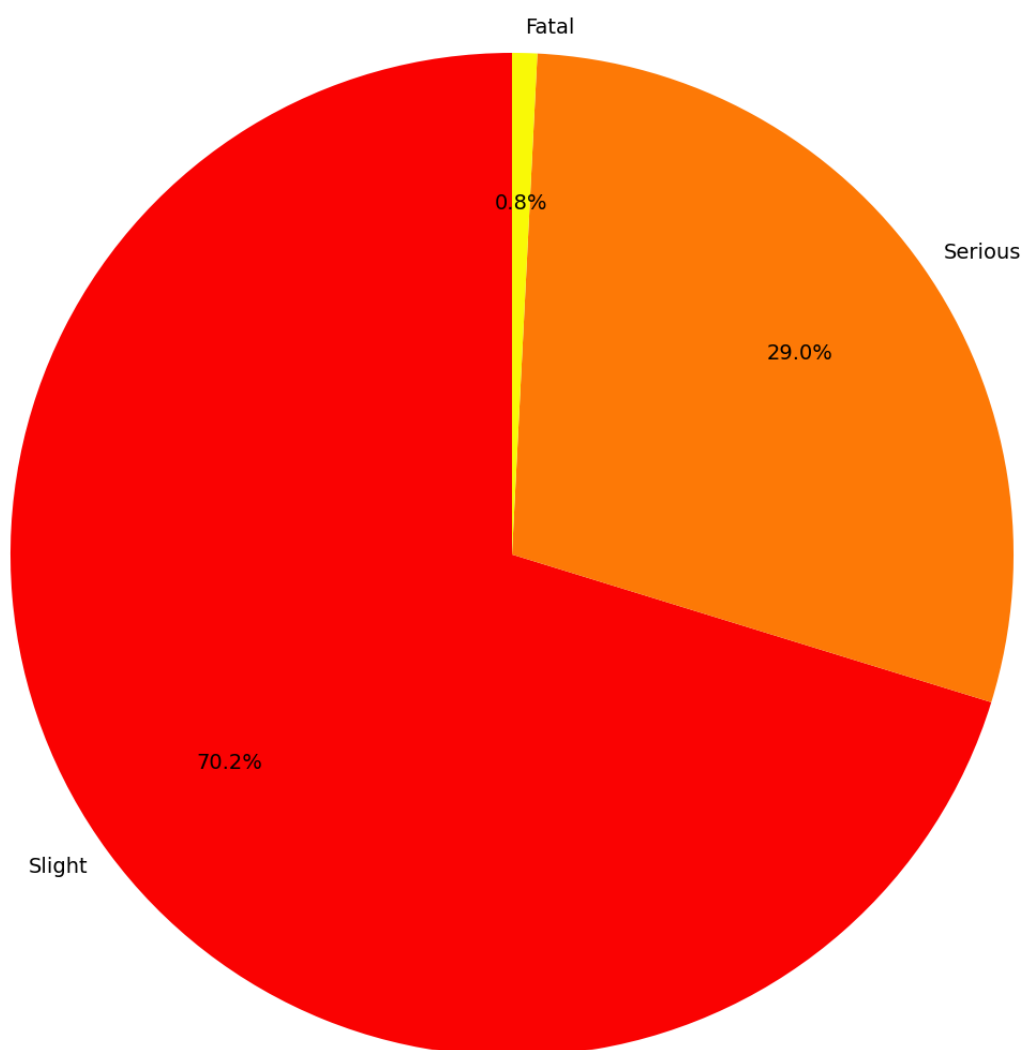
Casualty Type Distribution



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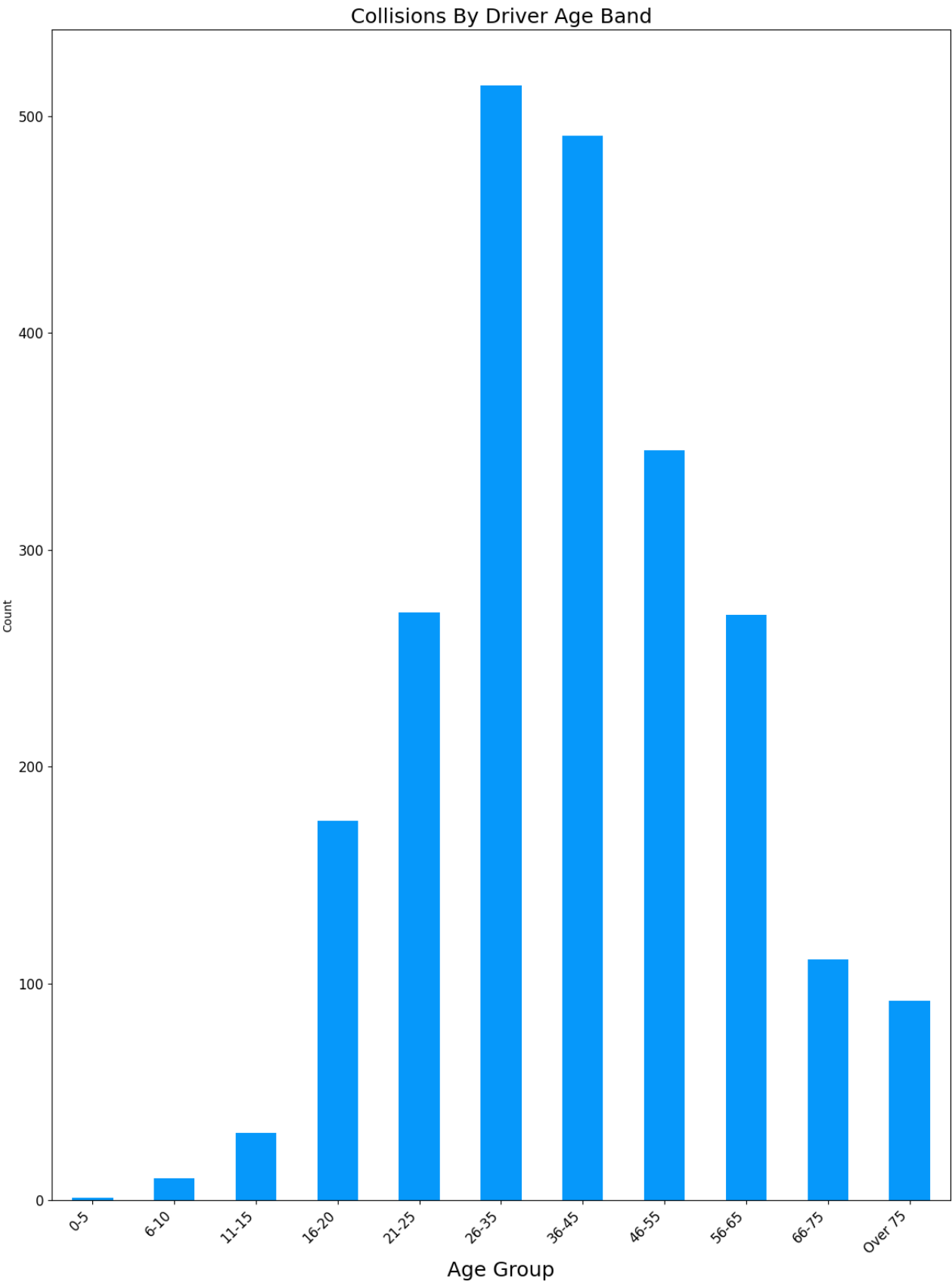
Collision Severity Distribution West Yorkshire

Collision Severity Distribution West Yorkshire



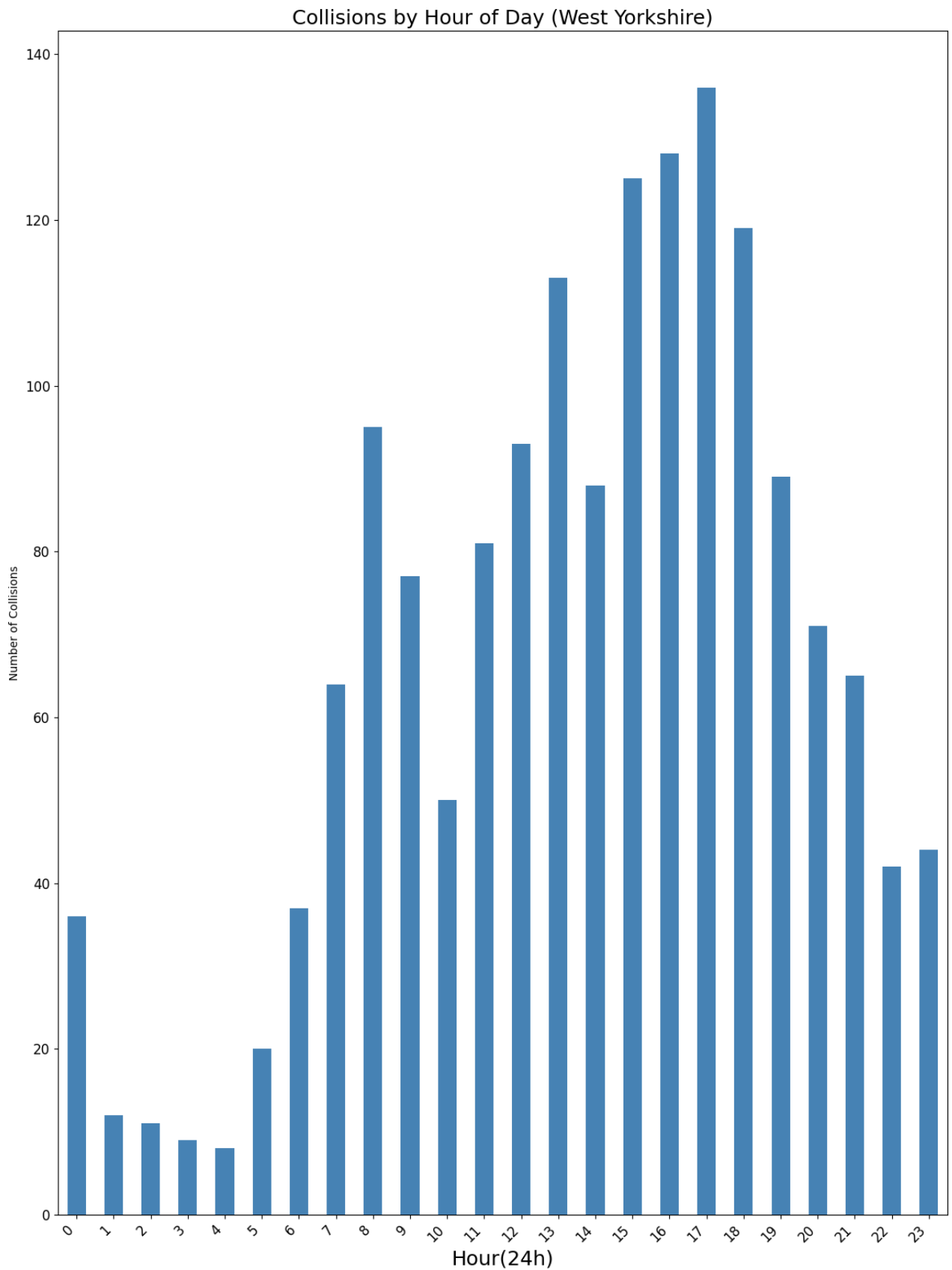
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Collisions By Driver Age Band



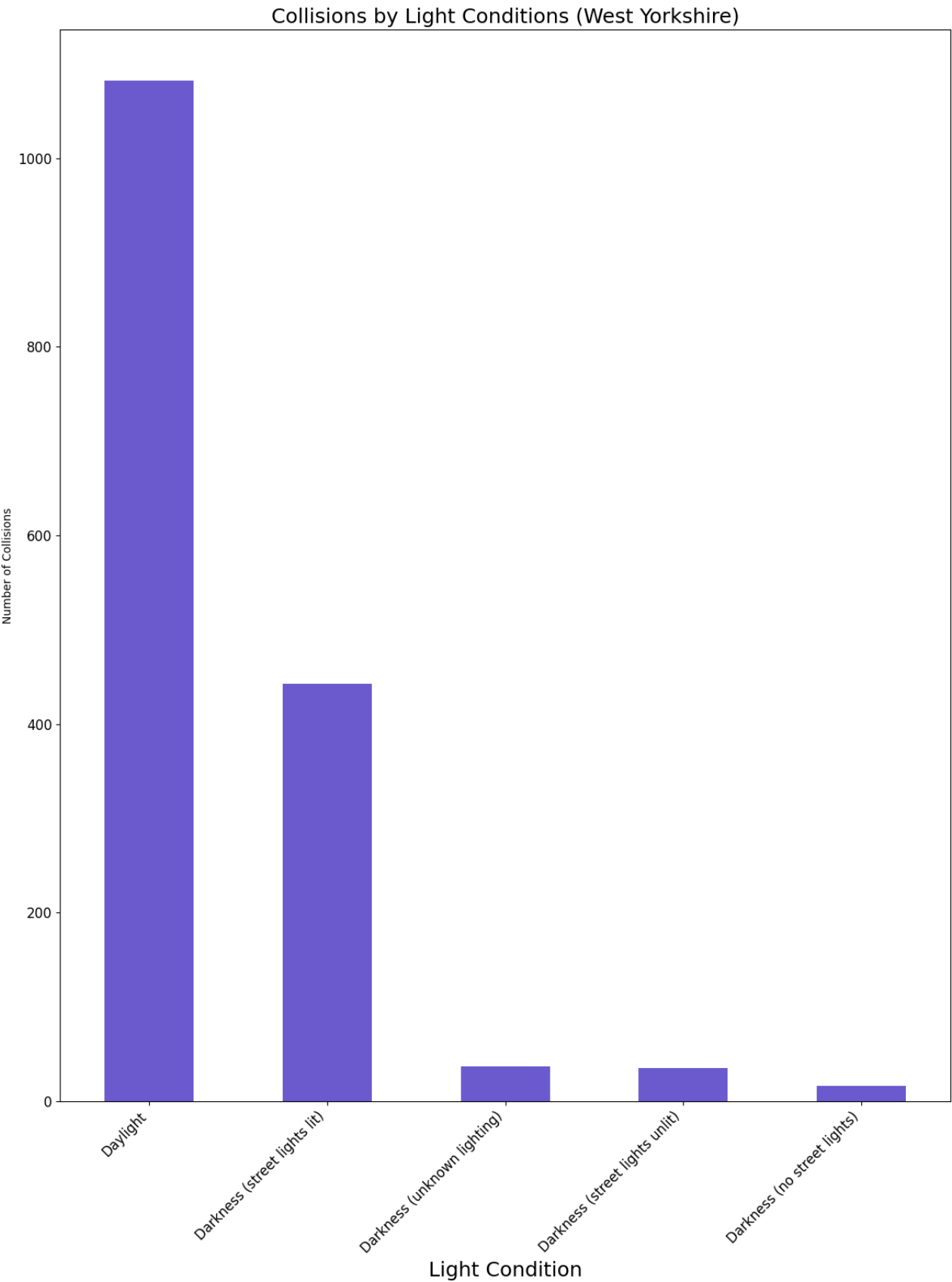
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Collisions By Hour Of Day West Yorkshire



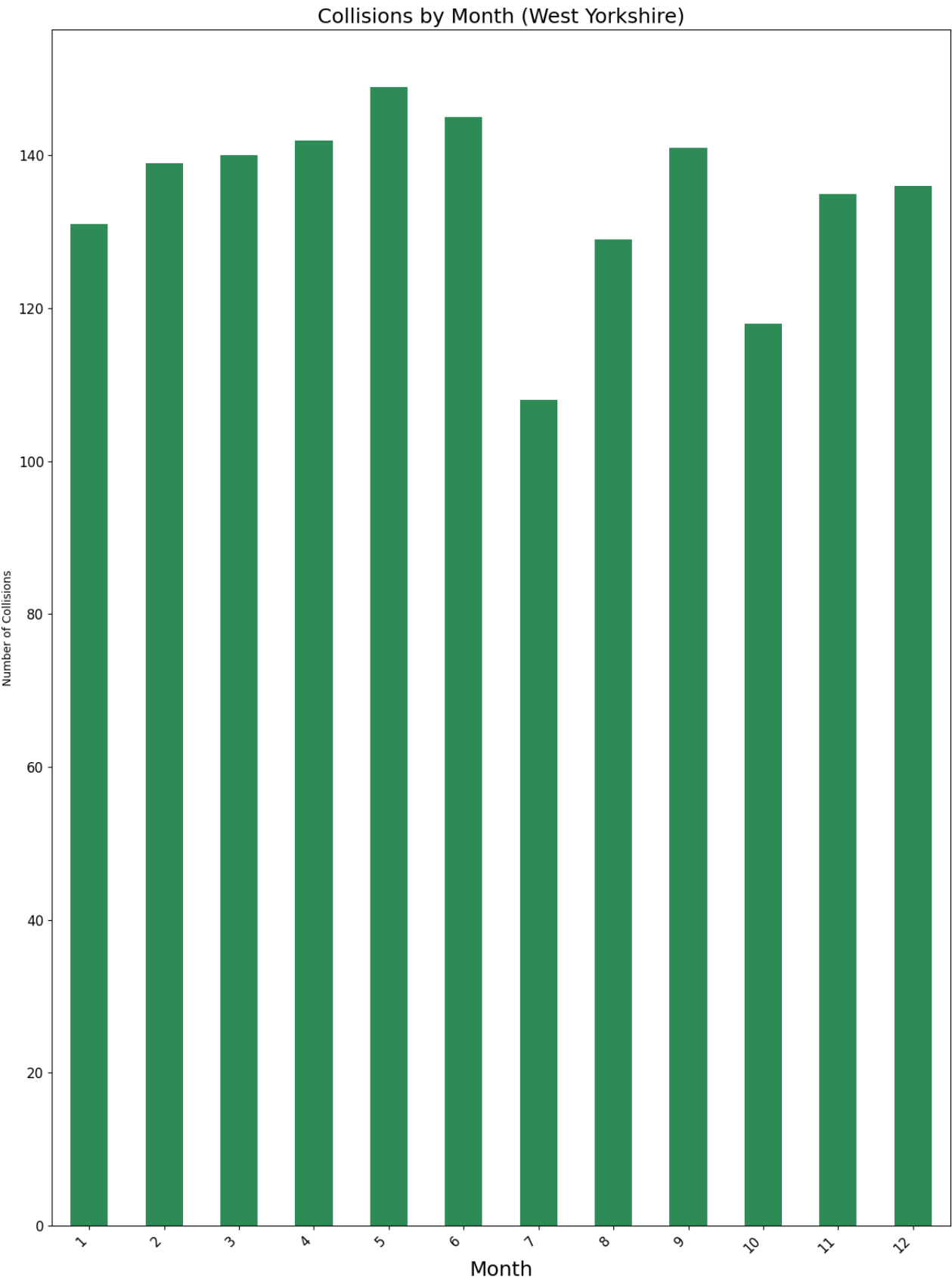
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Collisions By Light Conditions West Yorkshire



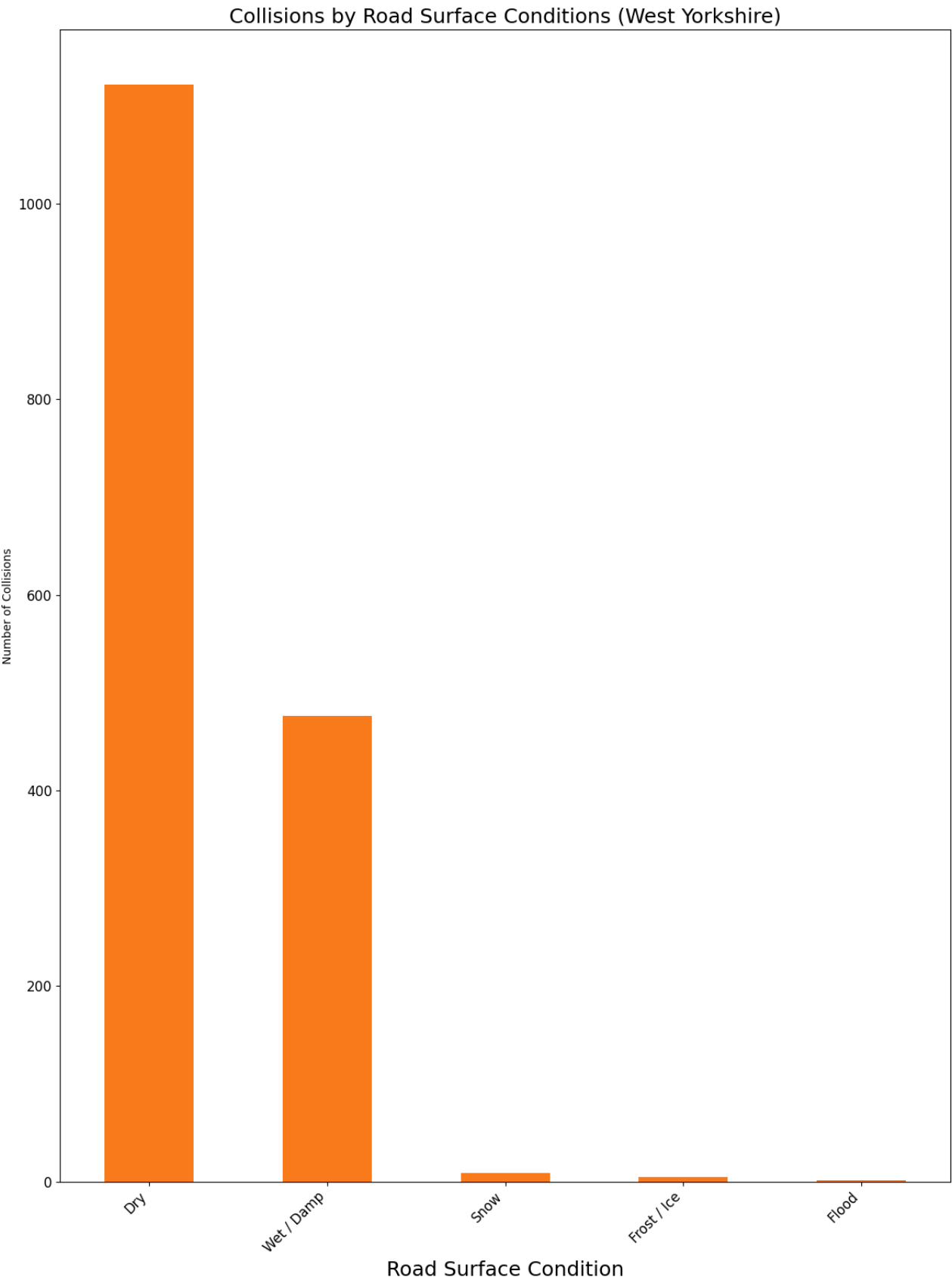
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Collisions By Month West Yorkshire



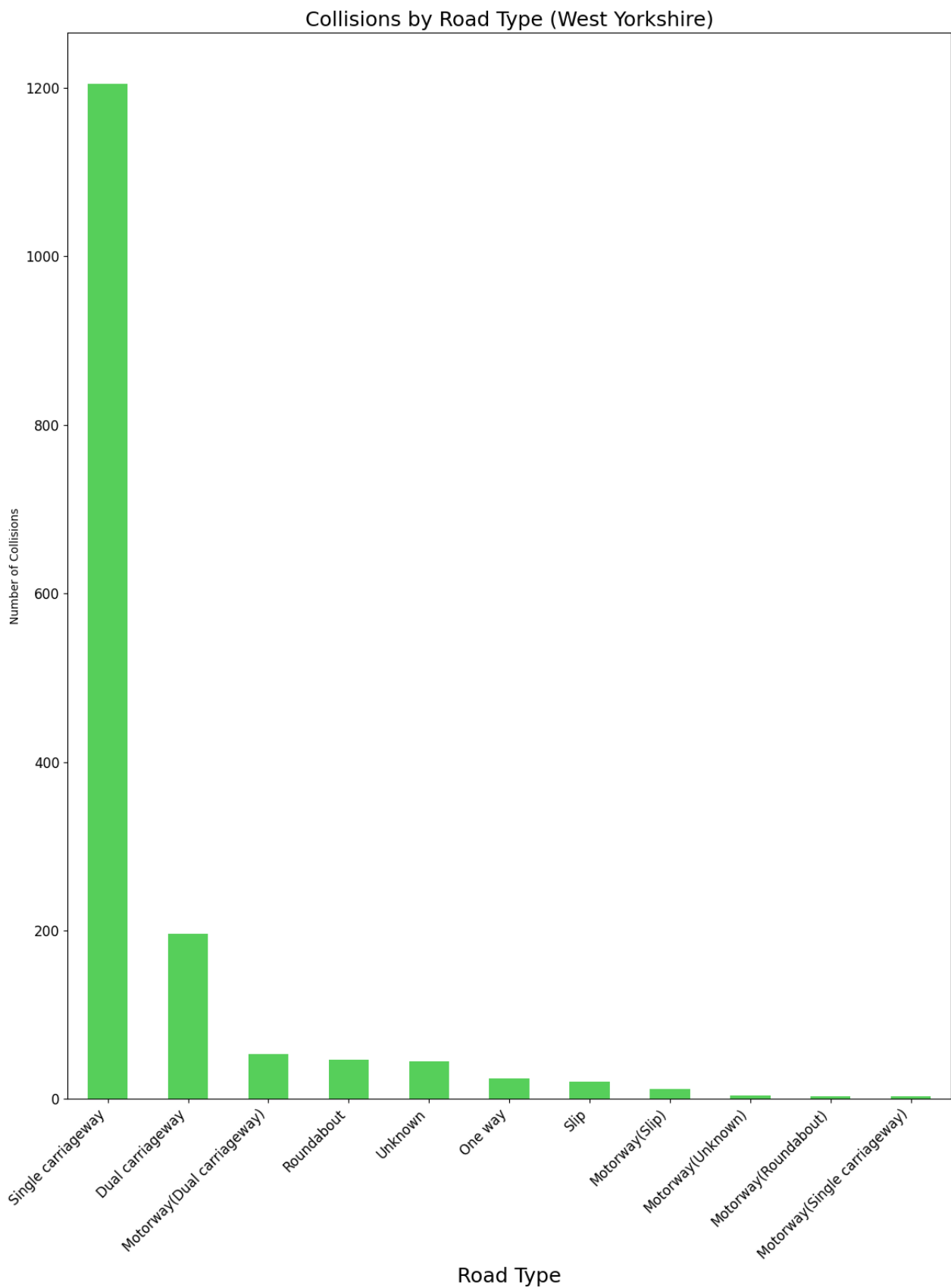
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Collisions By Road Surface Conditions West Yorkshire



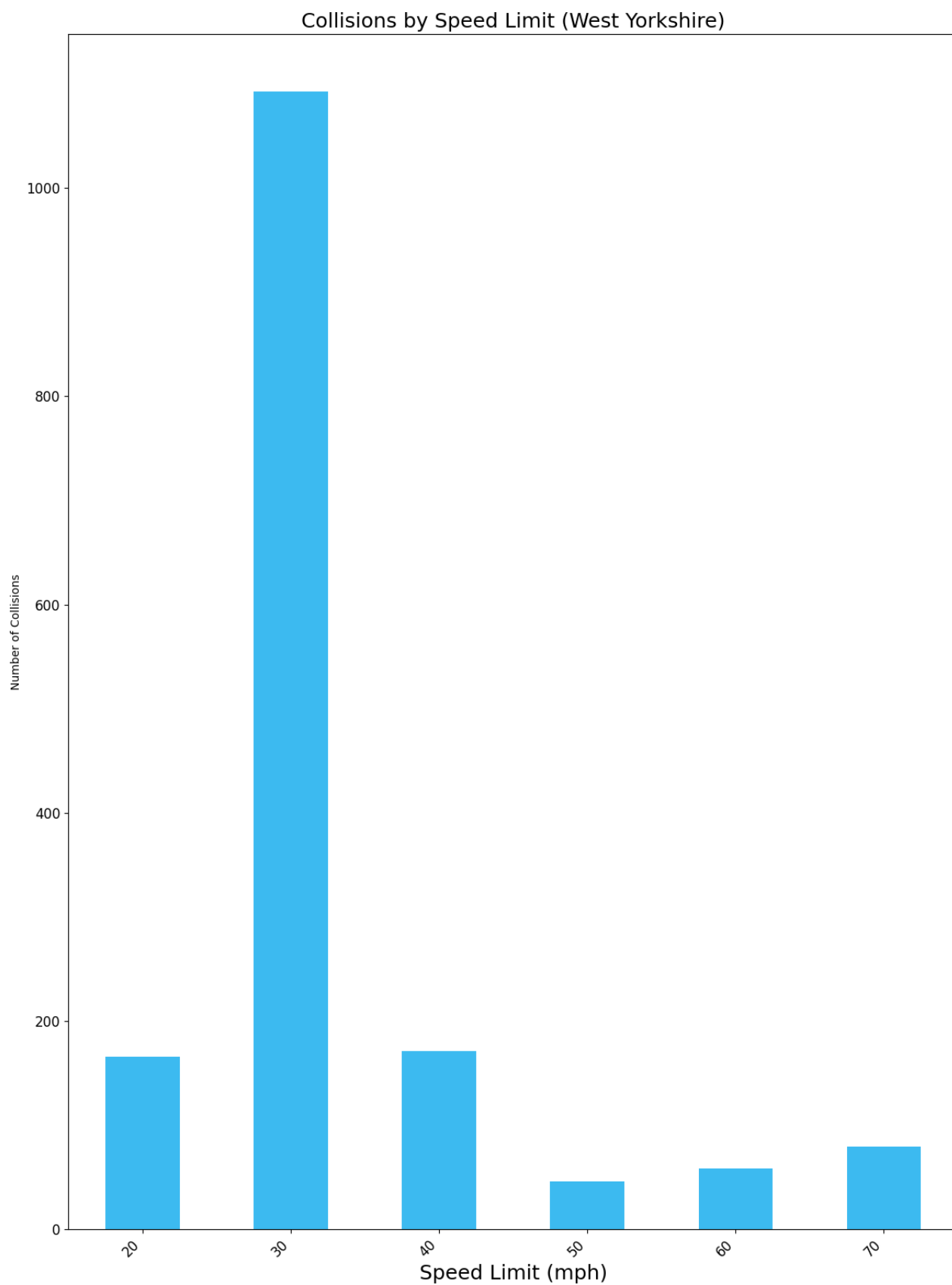
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Collisions By Road Type West Yorkshire



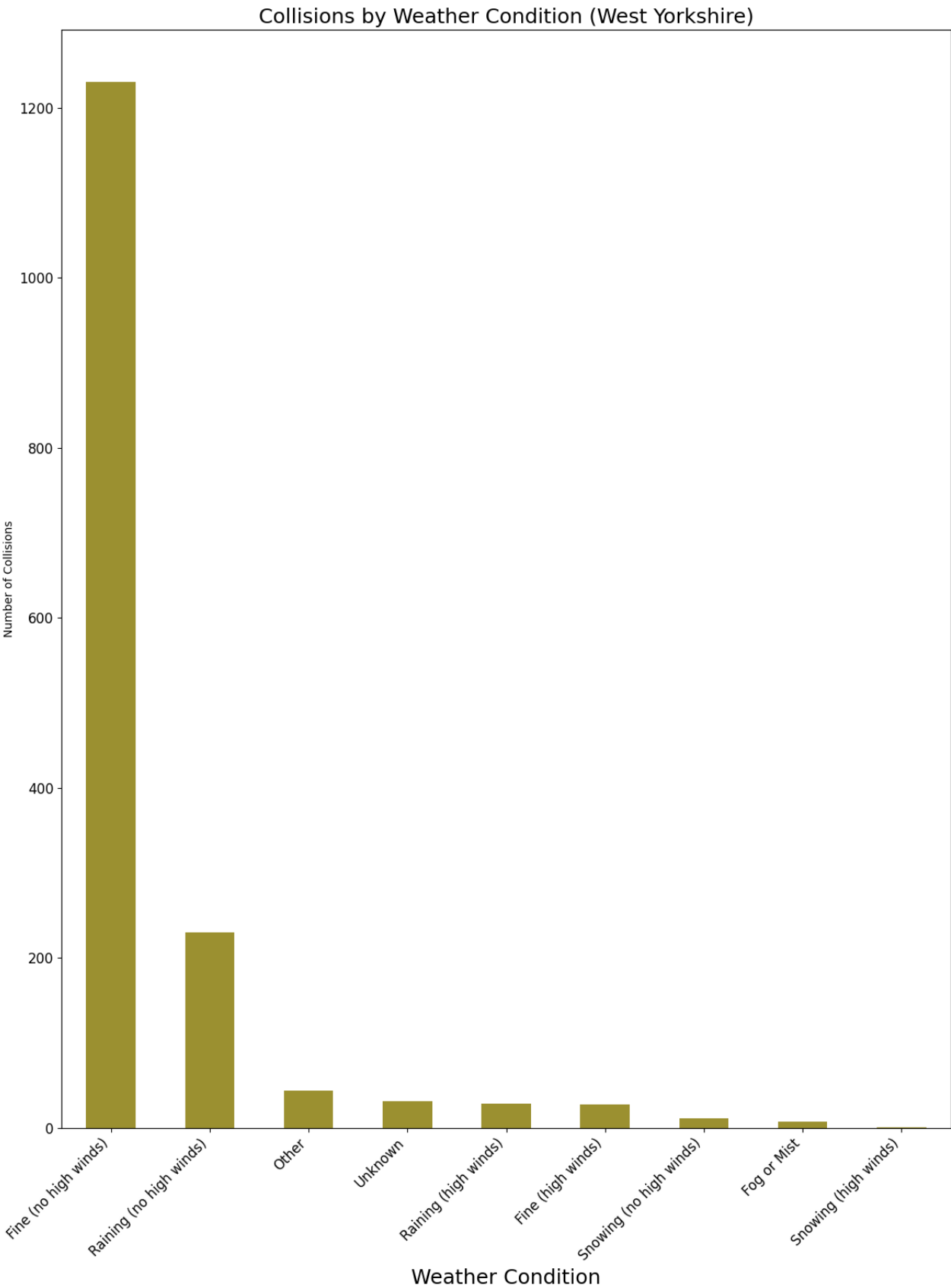
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Collisions By Speed Limit West Yorkshire



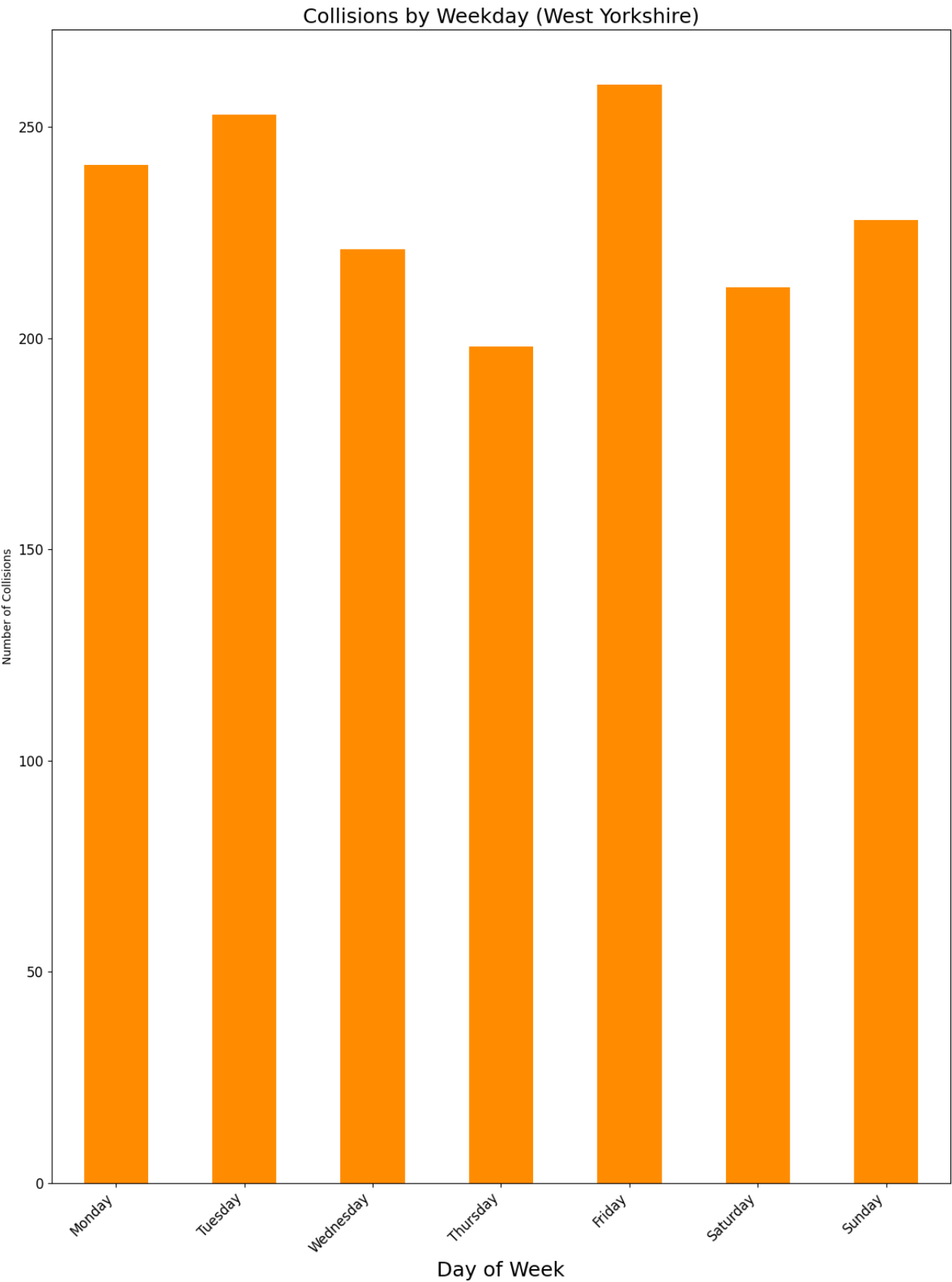
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Collisions By Weather Condition West Yorkshire



West Yorkshire Traffic Analysis Report

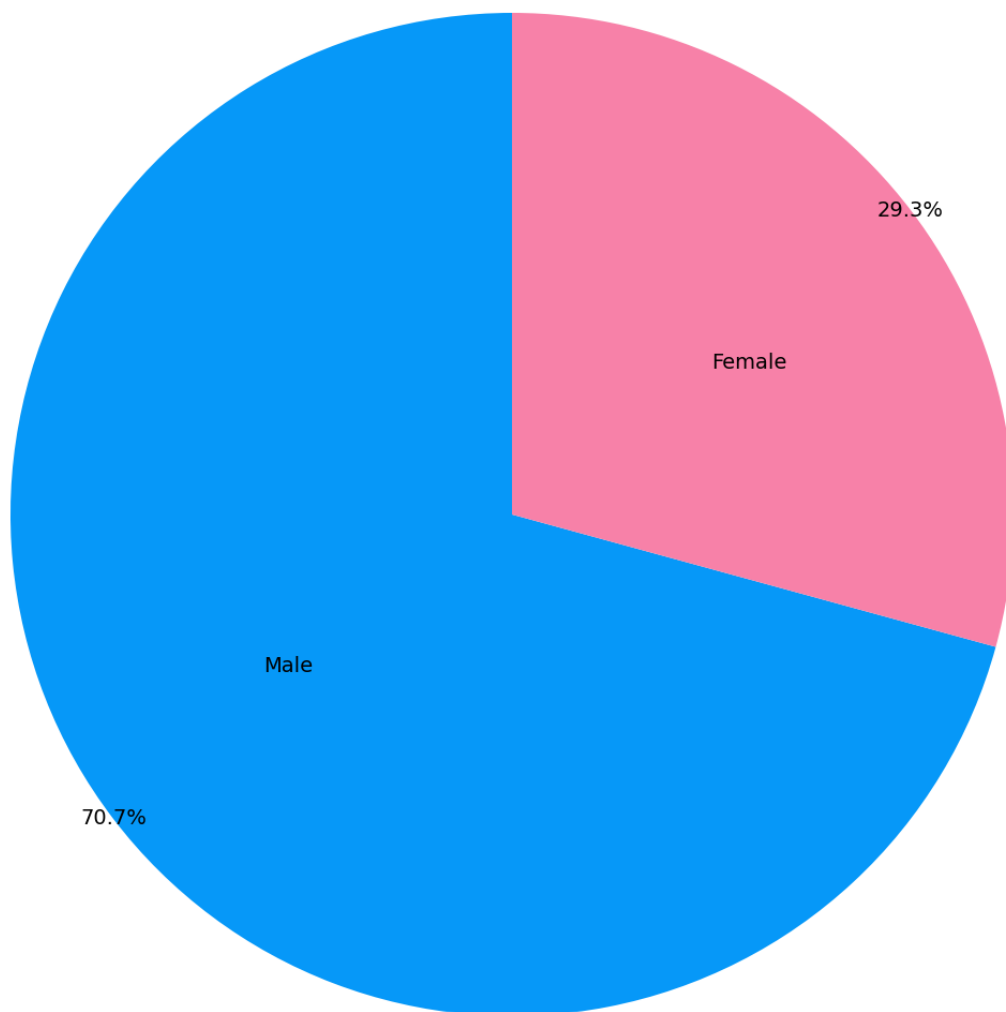
Collisions By Weekday West Yorkshire



West Yorkshire Traffic Analysis Report

Driver Gender Distribution West Yorkshire

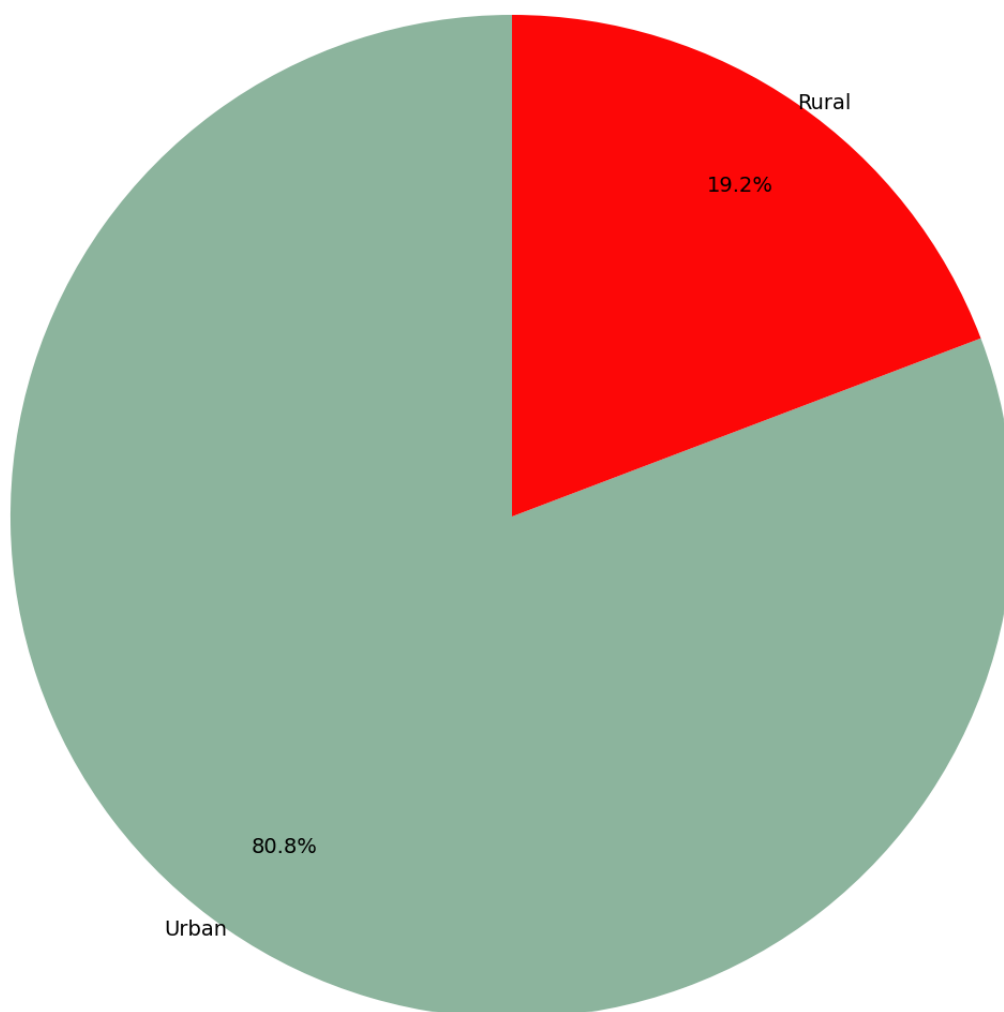
Driver Gender Distribution West Yorkshire



West Yorkshire Traffic Analysis Report

Proportion Of Urban Vs Rural Collisions West Yorkshire

Proportion of Urban vs Rural Collisions (West Yorkshire)



West Yorkshire Traffic Analysis Report

Top 10 Vehicle Makes In West Yorkshire Collisions

