



python

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

West Yorkshire Traffic Analysis Report

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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

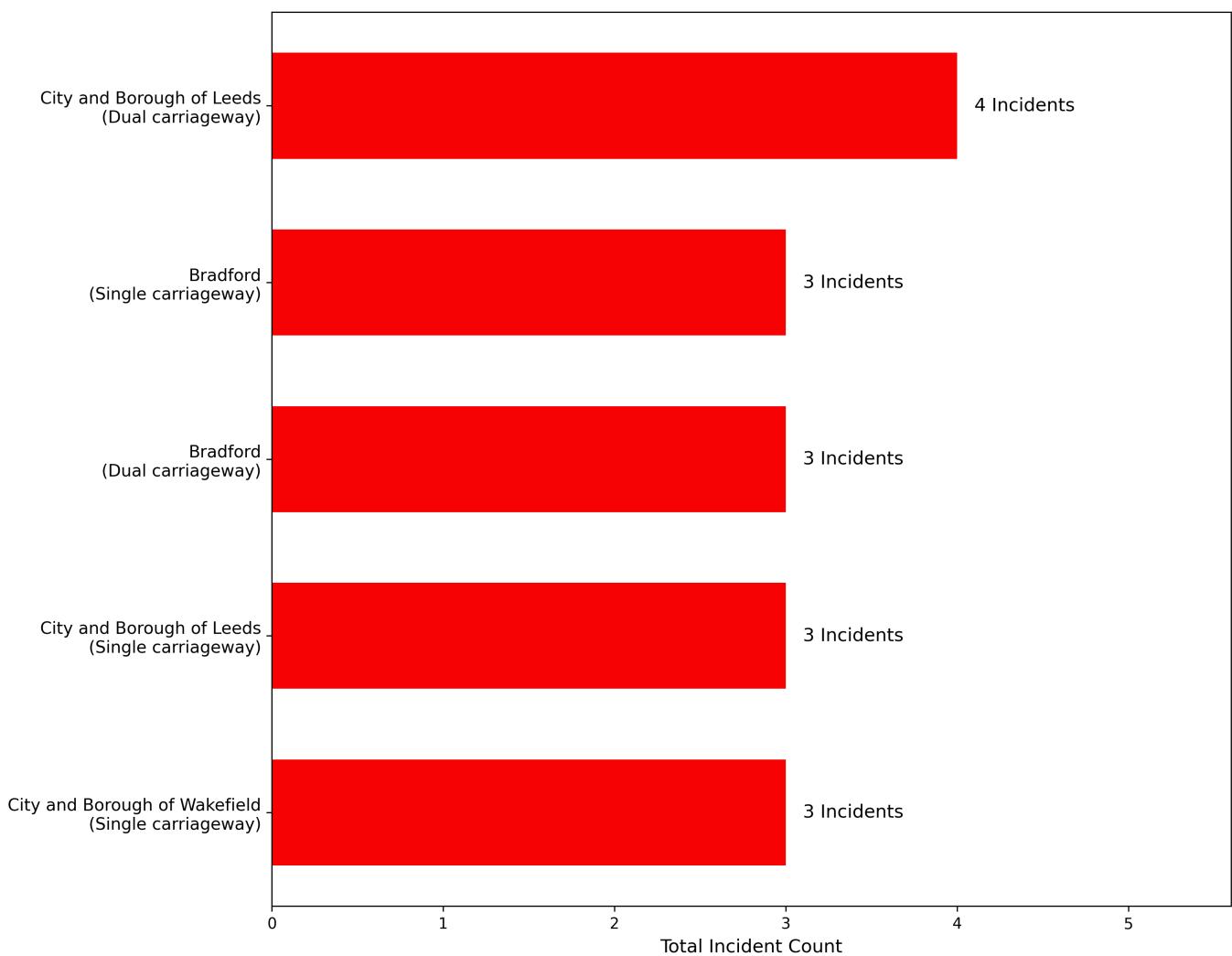
REGIONAL HAZARD SCORE: 29.8%

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)

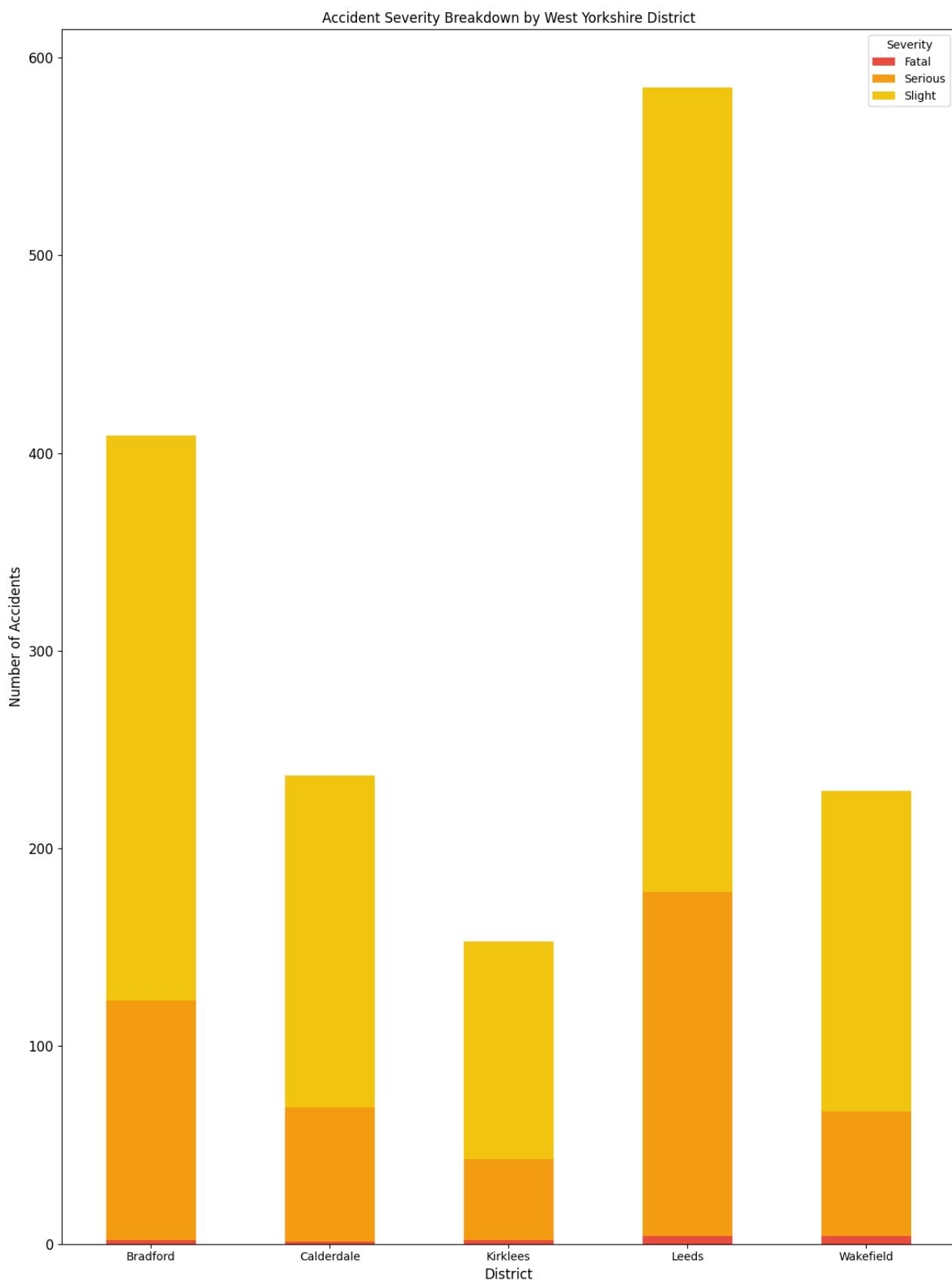
Priority Analysis: Top 5 West Yorkshire Blackspots



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

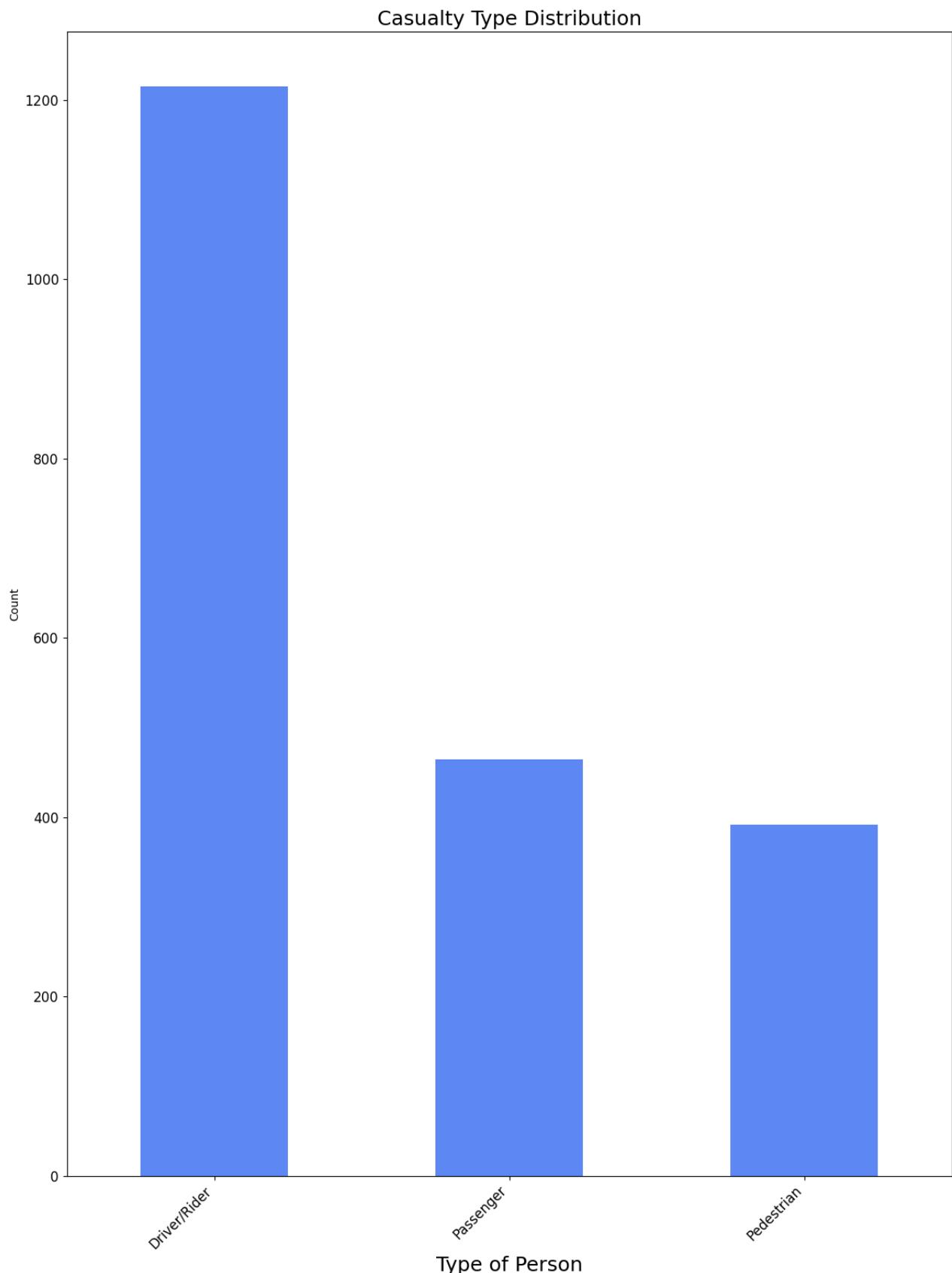
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Accident Severity Breakdown By West Yorkshire District



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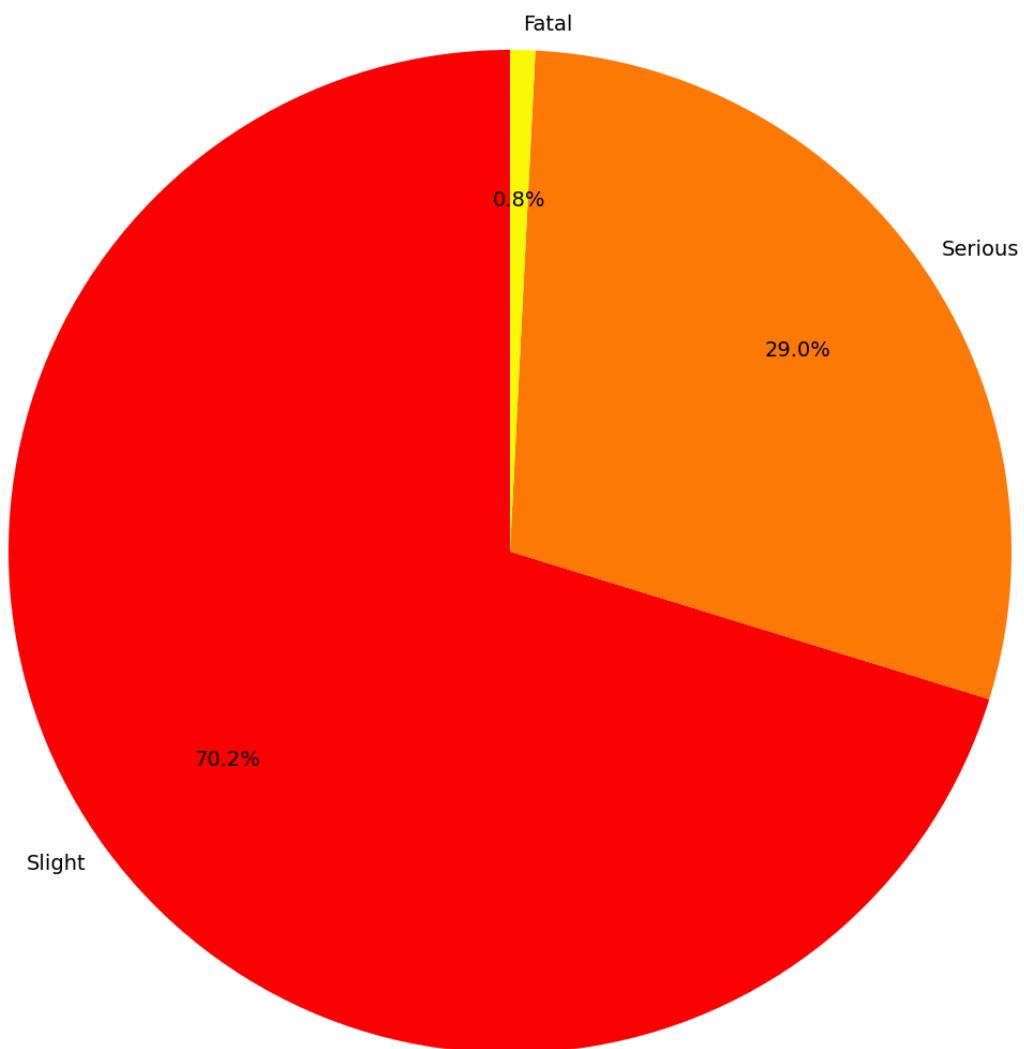
Casualty Type Distribution



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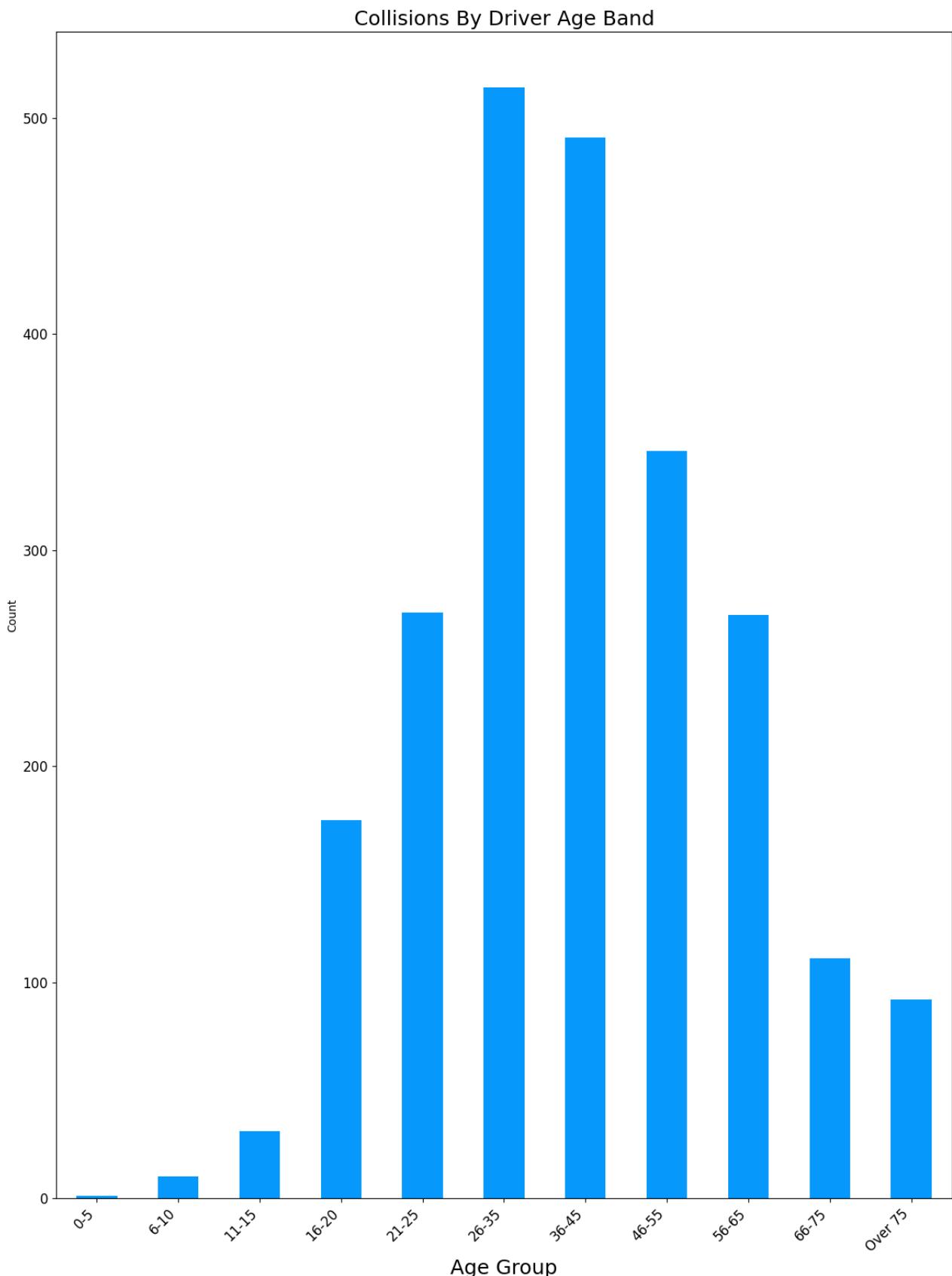
Collision Severity Distribution West Yorkshire

Collision Severity Distribution West Yorkshire



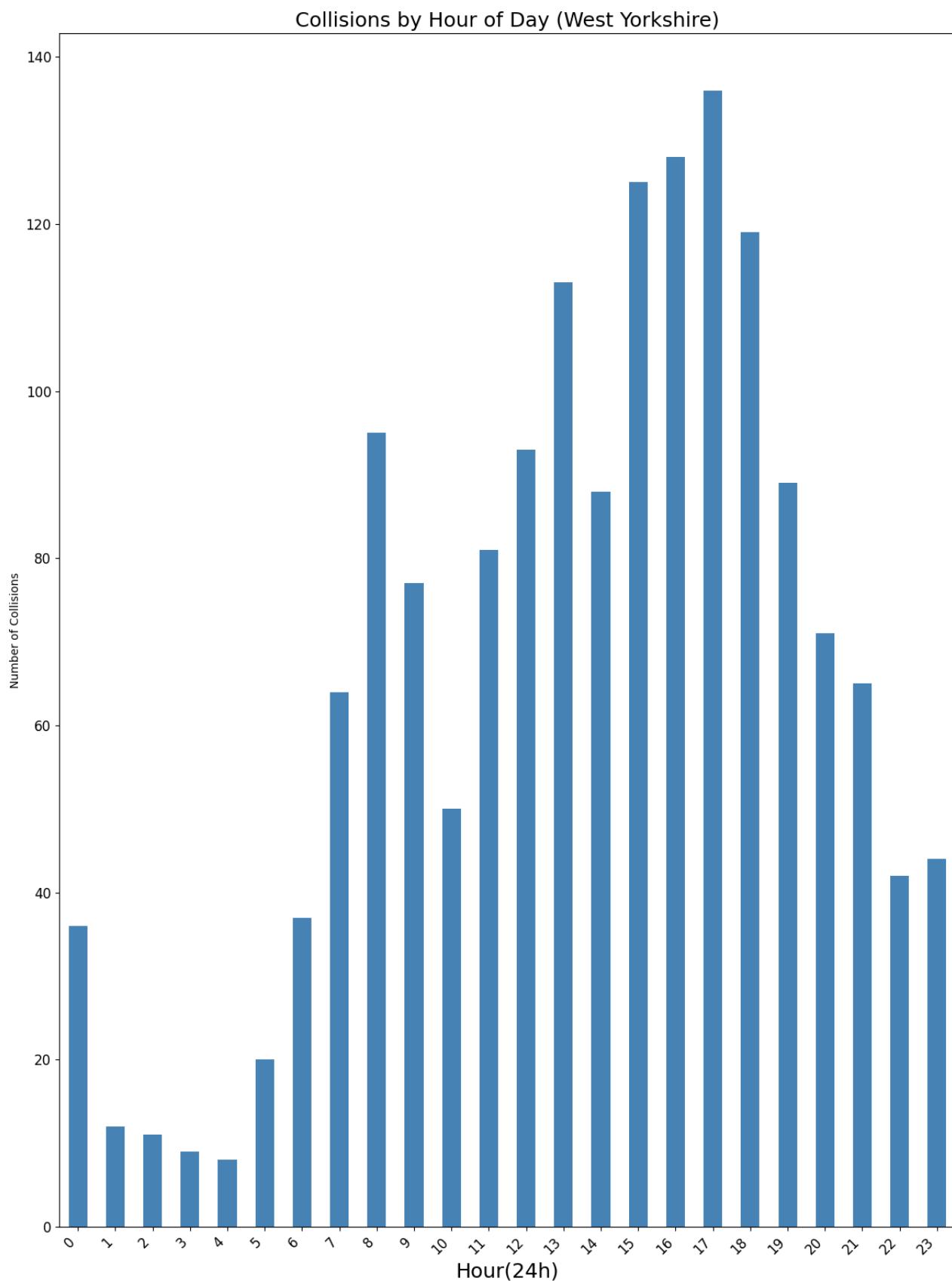
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Collisions By Driver Age Band



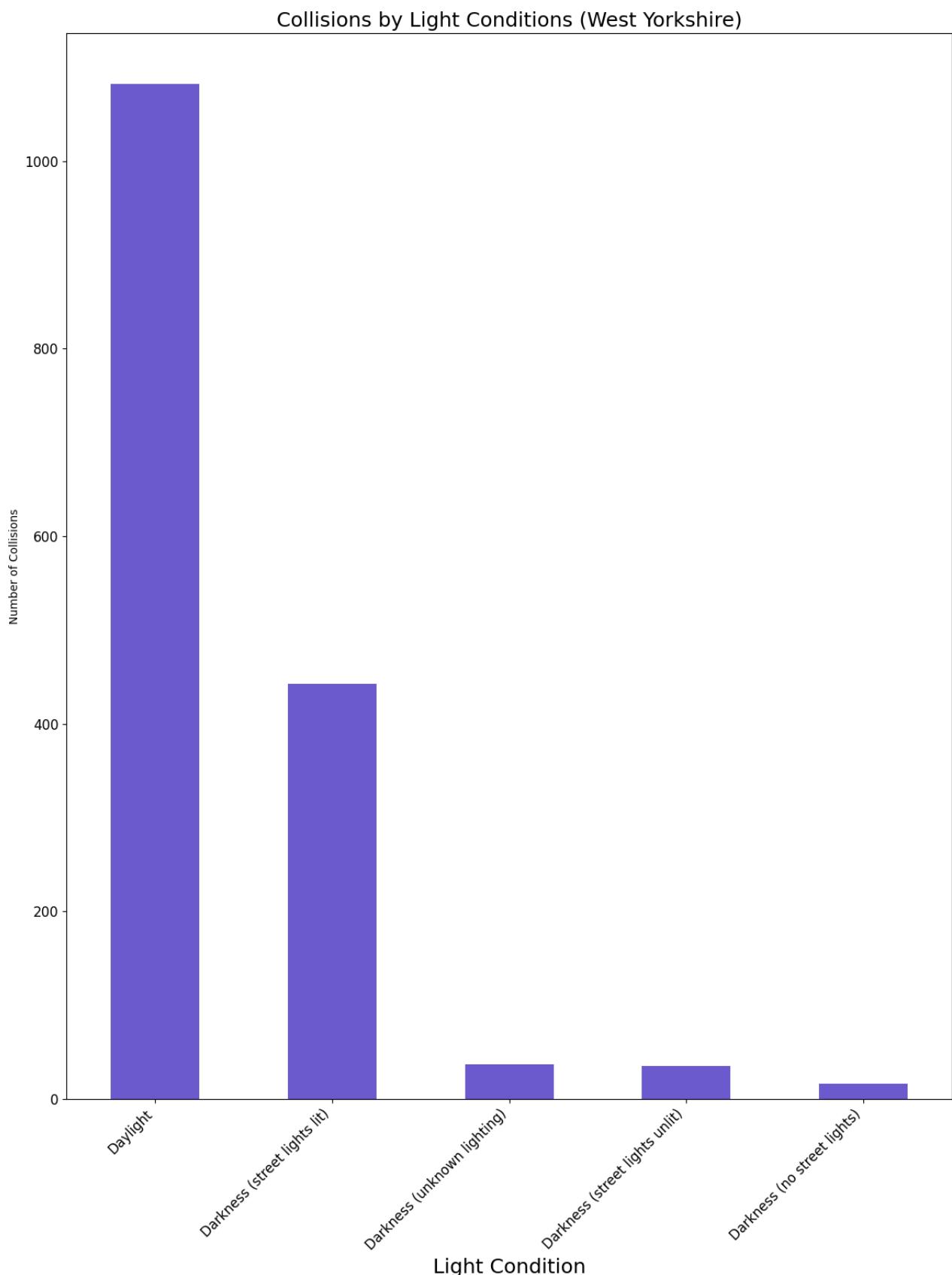
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Collisions By Hour Of Day West Yorkshire



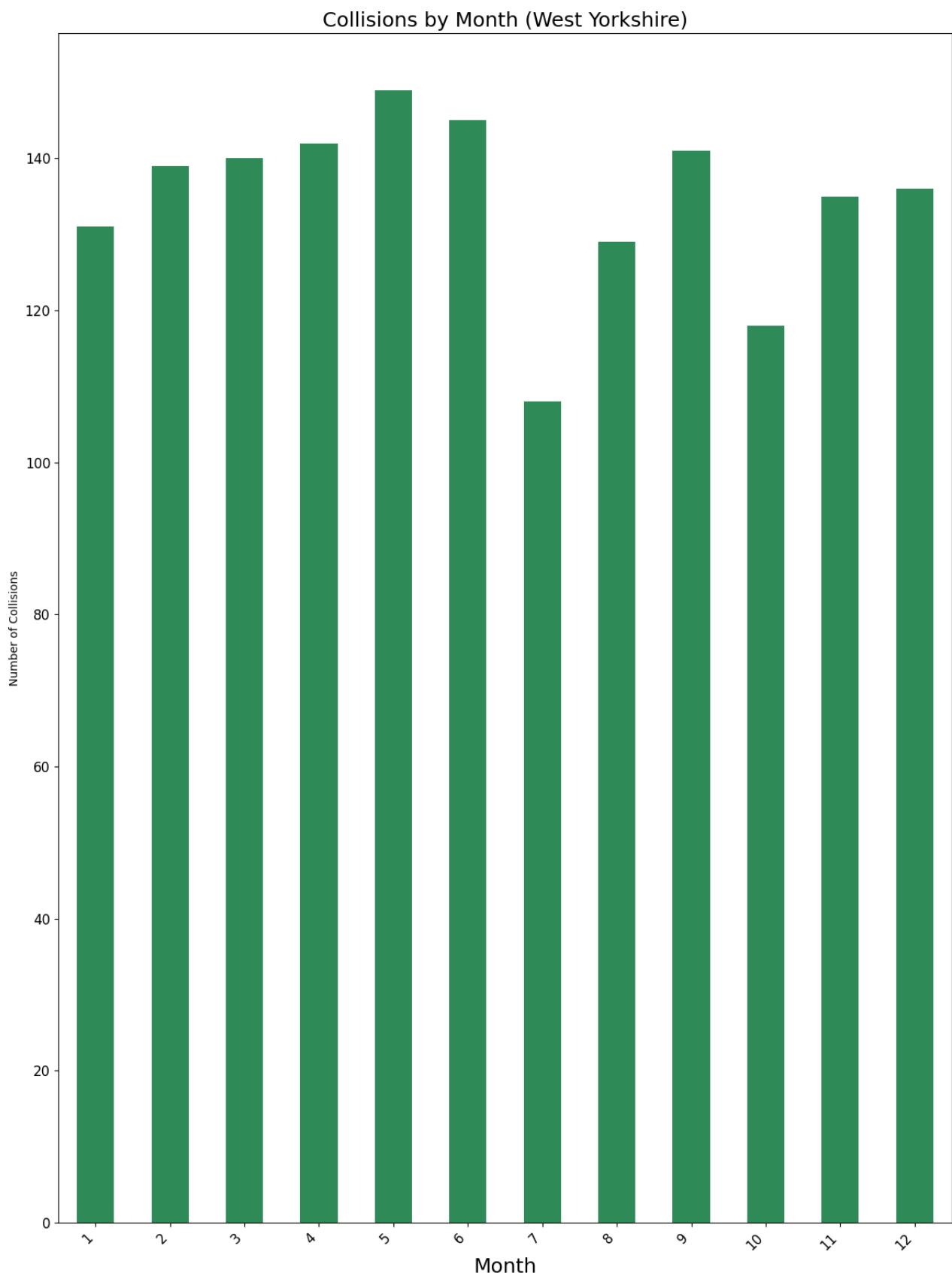
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Collisions By Light Conditions West Yorkshire



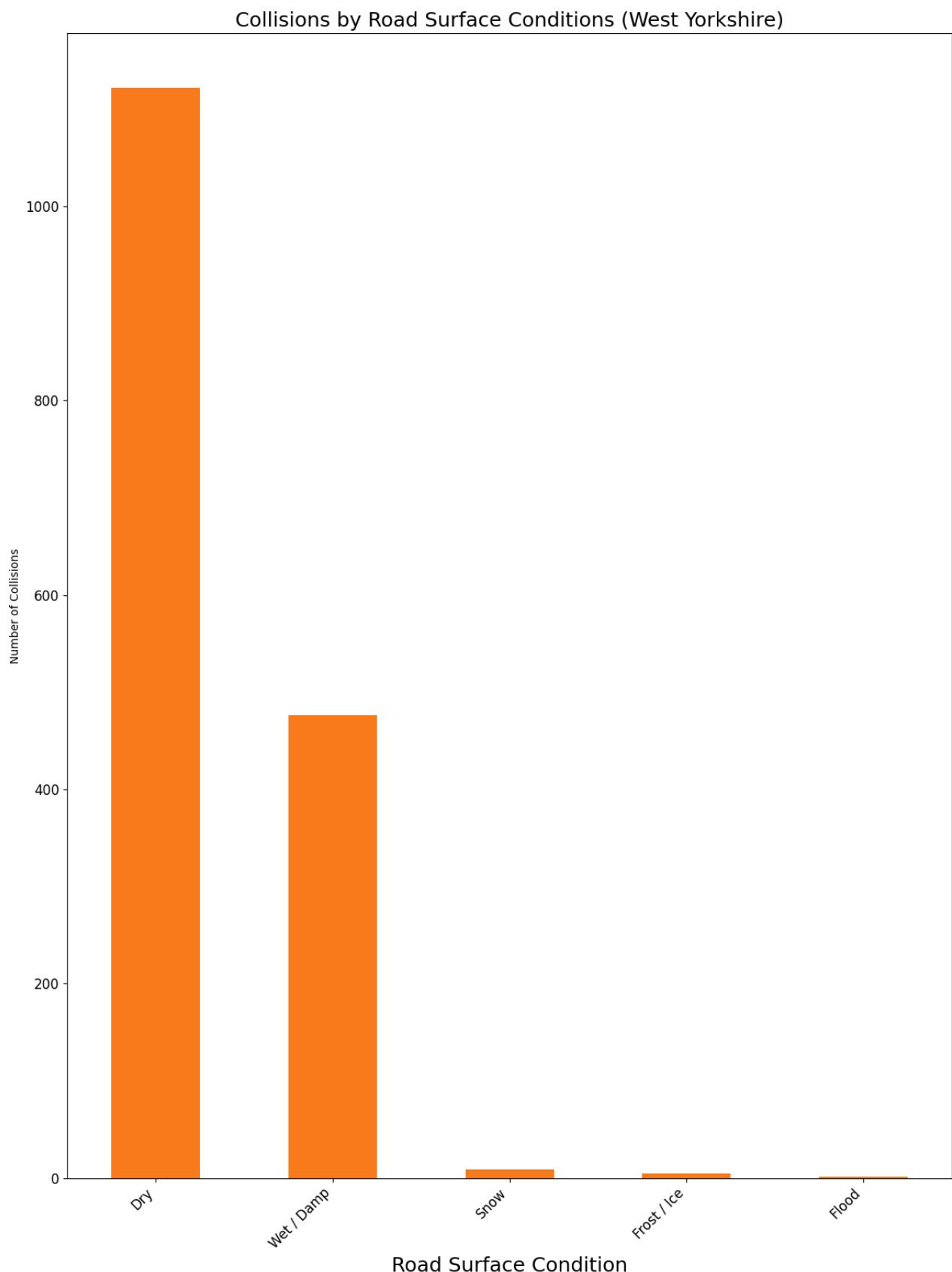
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Collisions By Month West Yorkshire



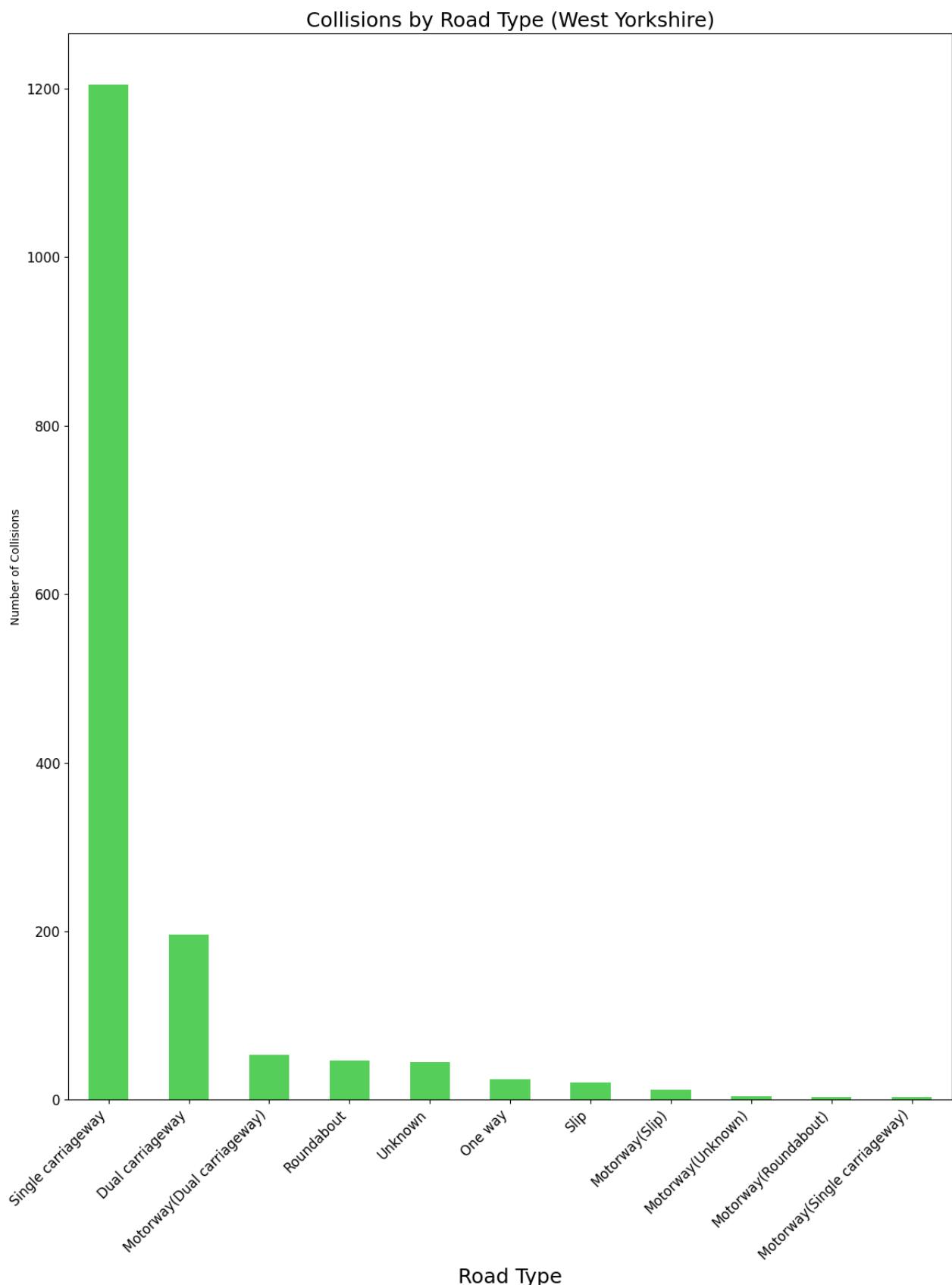
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Collisions By Road Surface Conditions West Yorkshire



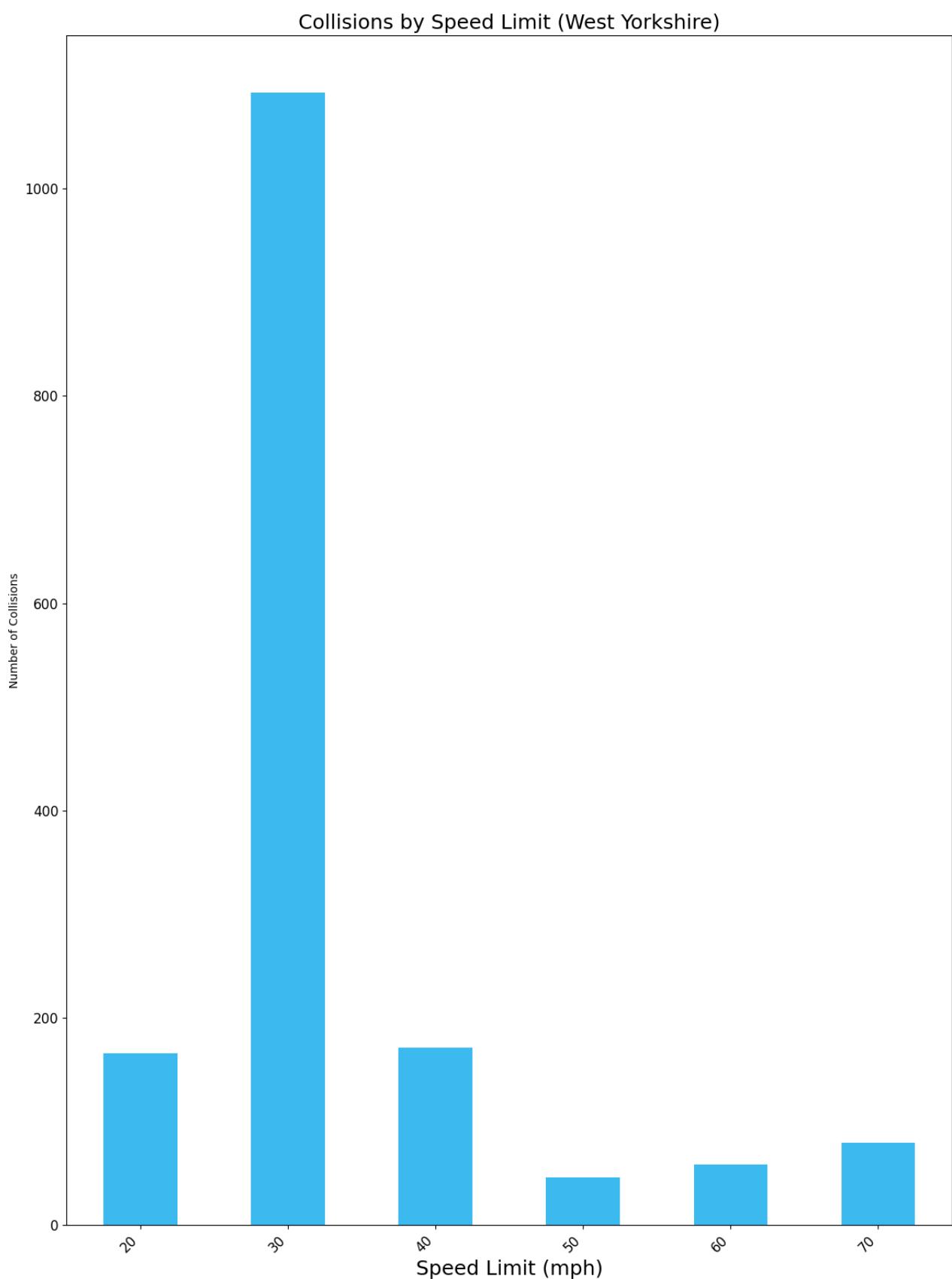
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Collisions By Road Type West Yorkshire



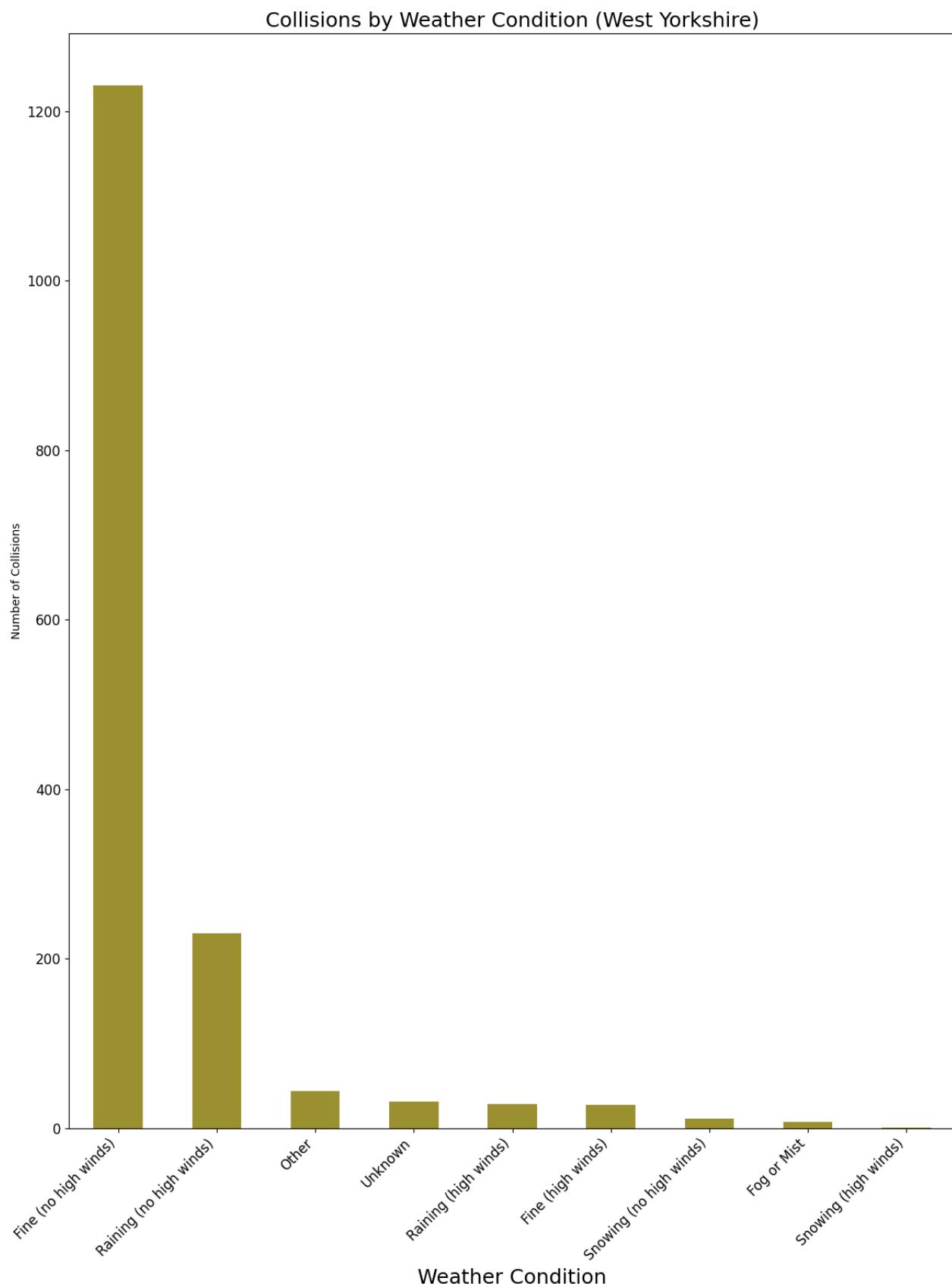
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Collisions By Speed Limit West Yorkshire



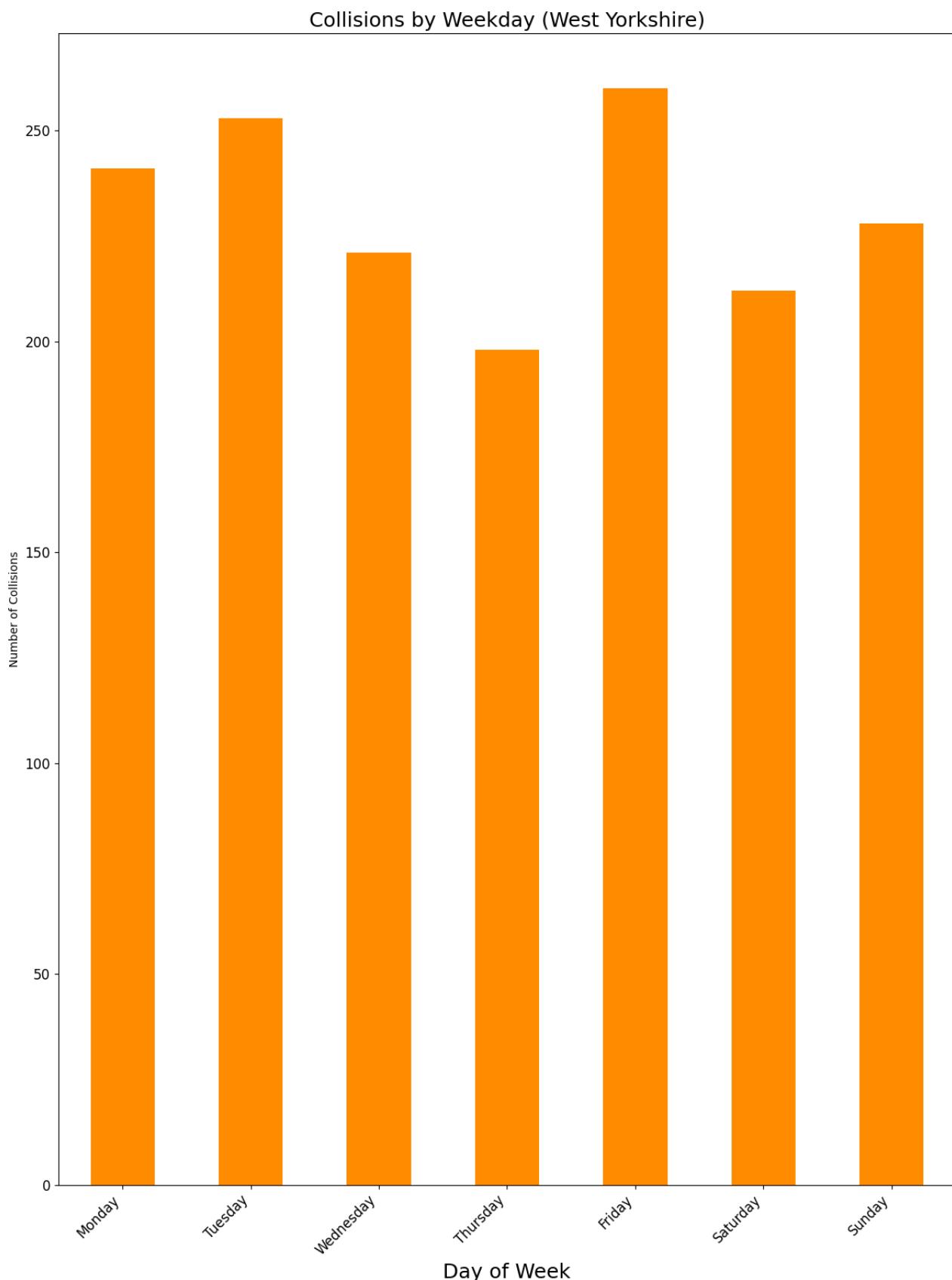
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Collisions By Weather Condition West Yorkshire



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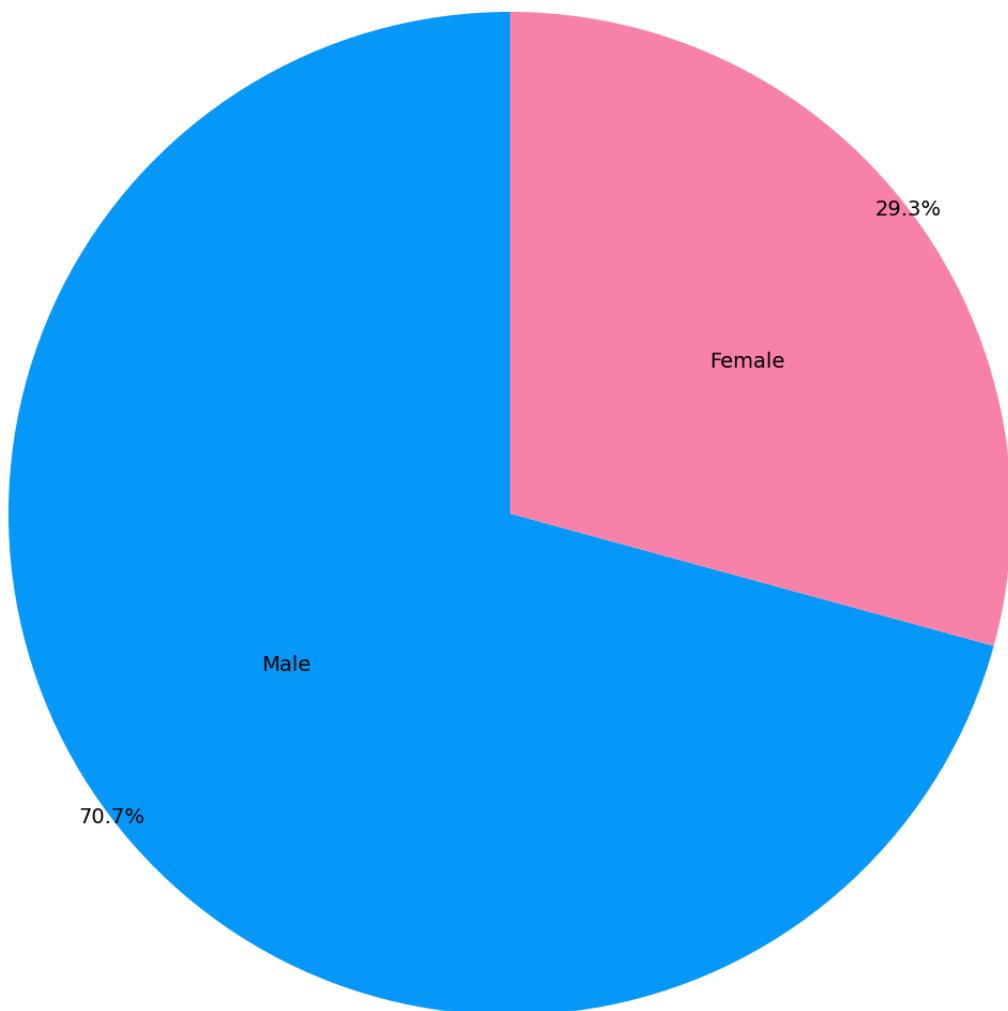
Collisions By Weekday West Yorkshire



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Driver Gender Distribution West Yorkshire

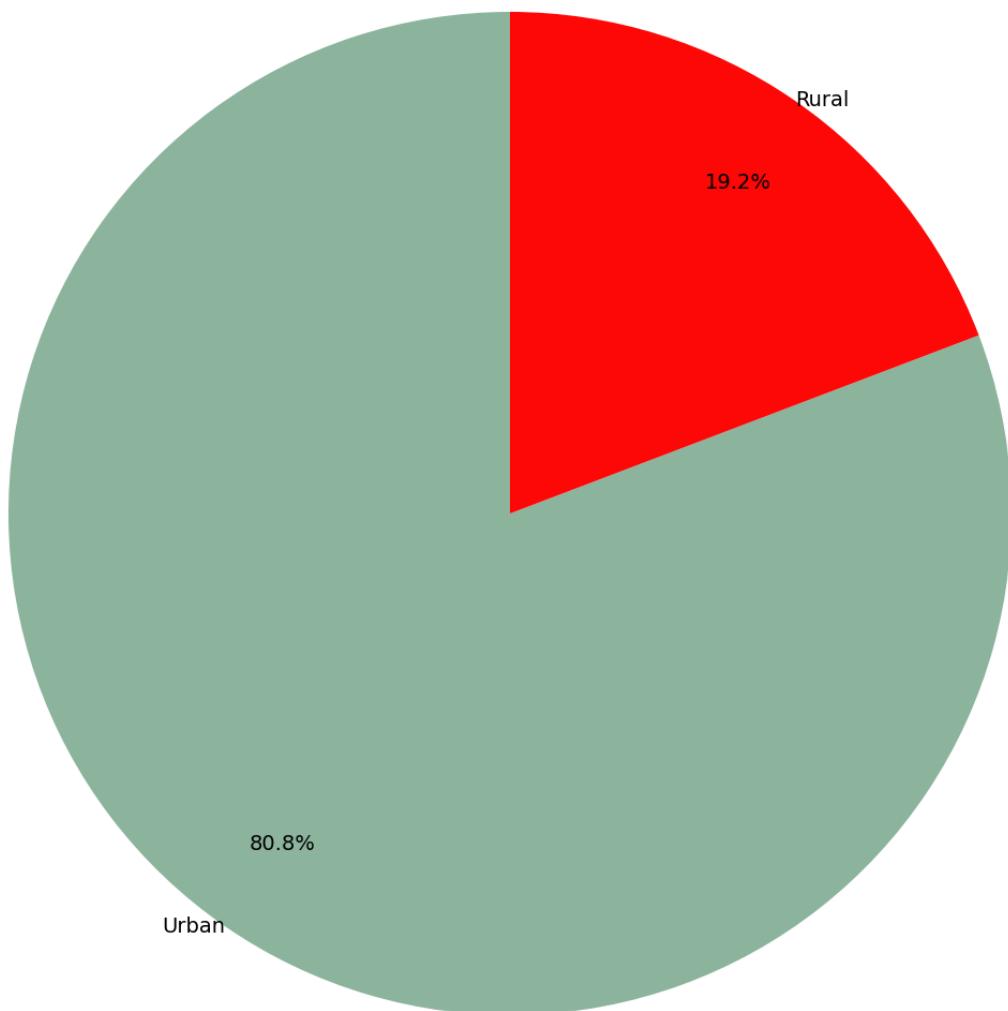
Driver Gender Distribution West Yorkshire



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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

