Insurance Fraud Detection Dashboard

Threshold: 0.19

42400 Total Claims

4214 Total Actual Fraud

72.97 Fraud Rate %

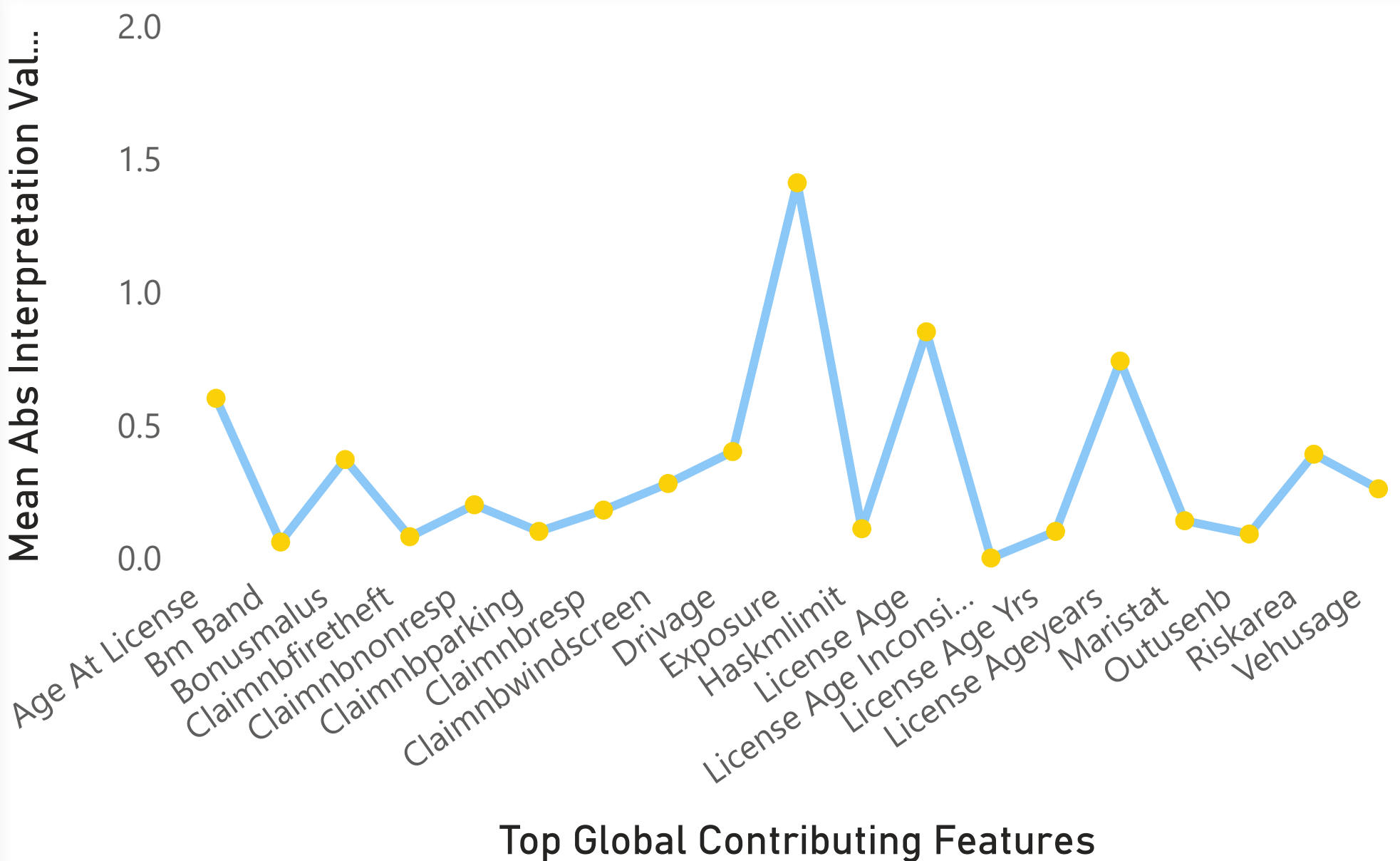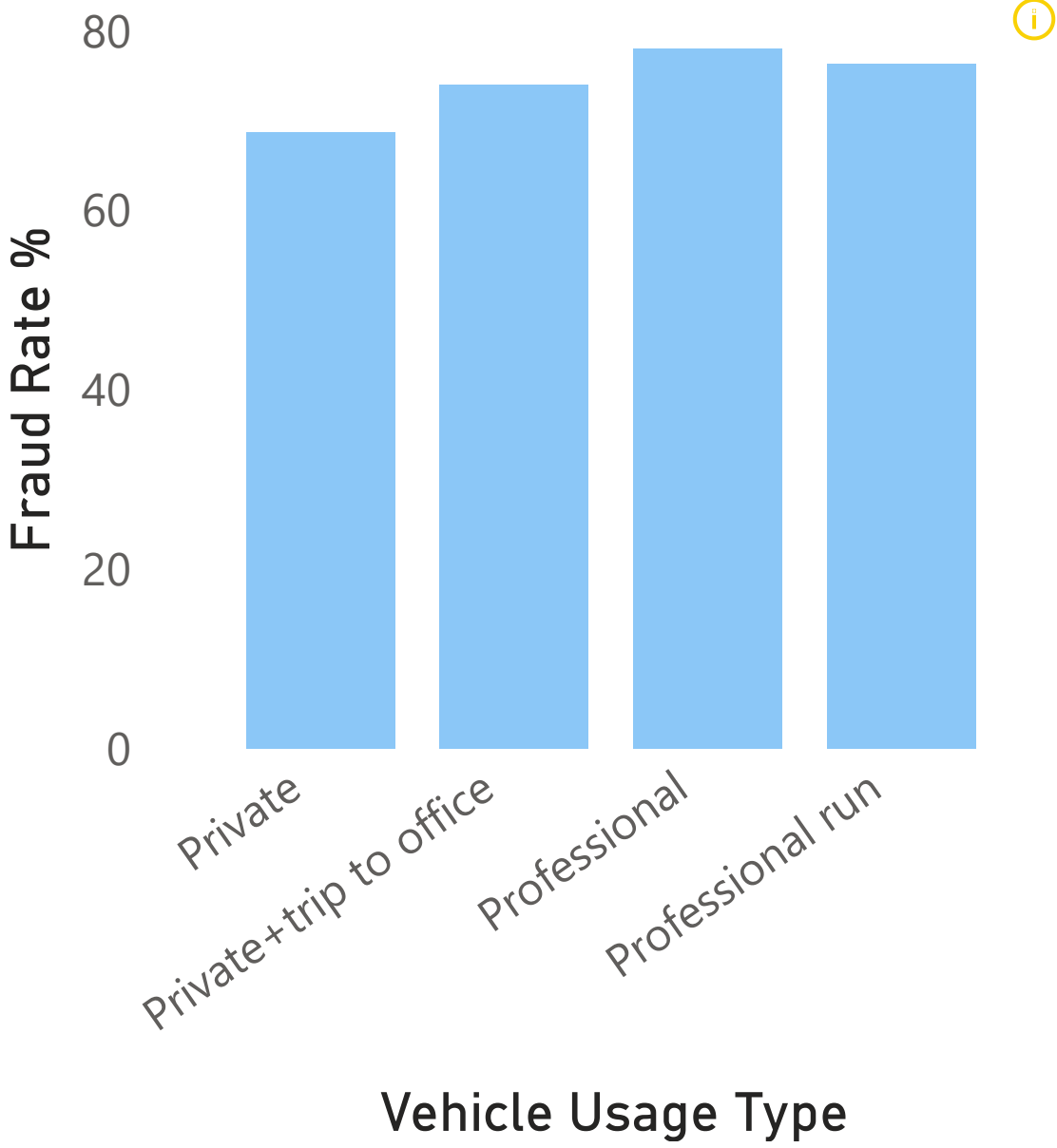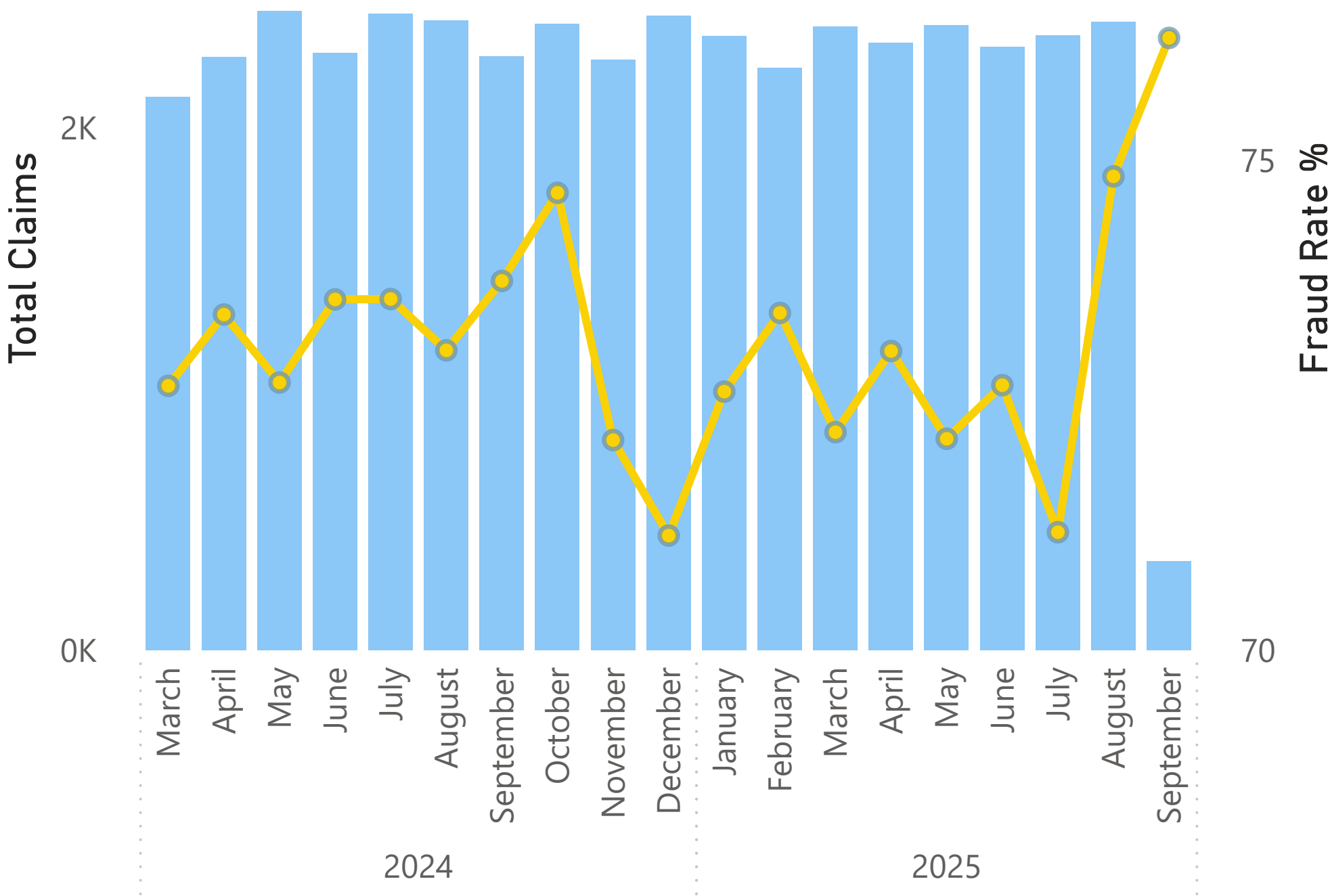**4067** Fraud Detected

13.14 Investigation Efficiency %

96.51 Fraud Detection Coverage %

Total Claims / Fraud Rate %

- Total Claims
- Fraud Rate %

X-axis: March, April, May, June, July, August, September, October, November, December (2024); January, February, March, April, May, June, July, August, September (2025)

Left Y-axis: Total Claims (0K – 2K)
Right Y-axis: Fraud Rate % (70 – 75)

Fraud Rate % by Vehicle Usage Type

X-axis: Private, Private+trip to office, Professional, Professional run
Y-axis: Fraud Rate % (0 – 80)

Top Global Contributing Features

Y-axis: Mean Abs Interpretation Val... (0.0 – 2.0)

X-axis: Age At License, Bm Band, Bonusmalus, Claimnbfiretheft, Claimnbnonresp, Claimnbparking, Claimnbresp, Claimnbwindscreen, Drivage, Exposure, Haskmlimit, License Age, License Age Inconsi..., License Age Yrs, License Ageyears, Maristat, Outusenb, Riskarea, Vehusage

Claim ID	Top 5 Local Contributing Features	Fraud Score
10101	Exposure (2.09), LicAgeYears (1.19), RiskArea (1.05), DrivAge (0.89), VehUsage (0.87)	97.86
1013	Exposure (3.01), age_at_license (1.14), LicAge (0.96), DrivAge (0.58), VehUsage (0.57)	94.44
10152	Exposure (2.94), age_at_license (1.56), OutUseNb_bucket (0.95), LicAgeYears (0.87), LicAge (0.70)	97.69
1024	Exposure (4.54), LicAgeYears (0.75), age_at_license (0.62), ClaimNbWindscreen_bucket (0.58), ClaimNbResp_bucket (0.57)	95.47
1033	Exposure (2.58), age_at_license (-1.07), OutUseNb_bucket (0.76), ClaimNbWindscreen_bucket (0.56), LicAgeYears (0.35)	12.64