SPLENDOR ANALYTICS AUTO INSURANCE DATA REPORT

In [1]:
```
#pip install pandas
#pip install ydata-profiling
```

In [2]:
```
import pandas as pd
from ydata_profiling import ProfileReport
```

In [3]:
```
#Importing the dataset
```

In [4]:
```
df = pd.read_excel('Insurance Policies.xlsx', sheet_name= 'Clean Insurance Policies')
```

In [5]:
```
#Building the report
```

In [6]:
```
profile = ProfileReport(df, title = 'Splendor Analytics Auto Insurance', explorative =
profile.to_notebook_iframe()
```

```
Summarize dataset:   0%|          | 0/5 [00:00<?, ?it/s]
Generate report structure:   0%|          | 0/1 [00:00<?, ?it/s]
Render HTML:   0%|          | 0/1 [00:00<?, ?it/s]
```

Overview

Dataset statistics

Number of variables	16
Number of observations	37542
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	24.6 MiB
Average record size in memory	686.3 B

Variable types

Text	3
DateTime	1
Categorical	8
Boolean	1
Numeric	3

Alerts

In [7]:
```
#exporting as an HTML file
```

In [8]:
```
profile.to_file('Splendor Analytics Auto Insurance.html')
```

```
Export report to file:   0%|          | 0/1 [00:00<?, ?it/s]
```

In [ ]: