Each row in the data set represents a separate reported crime incident.

Variables

Offense
- The type of offense of each reported crime incident
- Categorical variable ((e.g., Assault, Theft, Robbery, etc.)
- Type: String

IncidentID
- Unique ID for incident
- Type: String
- Unique Identifier

BlockNumber
- The block number on crime was committed
- String
- Categorical Variable

StreetName
- Street where crime was committed
- Type: String
- Categorical Variable

Agency
- Agency that responded to crime
- Type: String
- Categorical variable

DateReported
- Date on which crime was reported
- Type: Data
- Numeric Variable

HourReported
- Hour on which crime was reported
- Type: String
- Categorical Variable

ReportingOfficer
- Officer who reported crime
- Type: String
- Categorical Variable

InSession
- If UVA was in session at time of crime
- Type: Binary
- Boolean Variable

DayofWeek
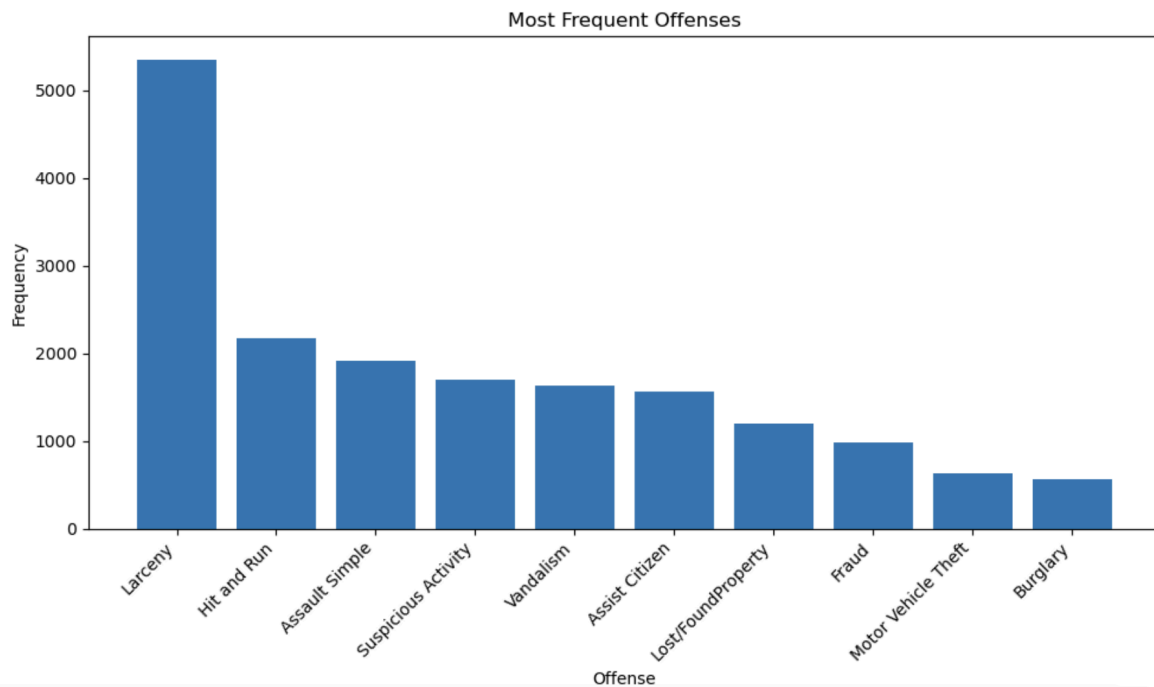- Day of the week that crime was reported
- Categorical Variable

TimeofDay
- Time of day crime was reported (Morning, Afternoon, Night)
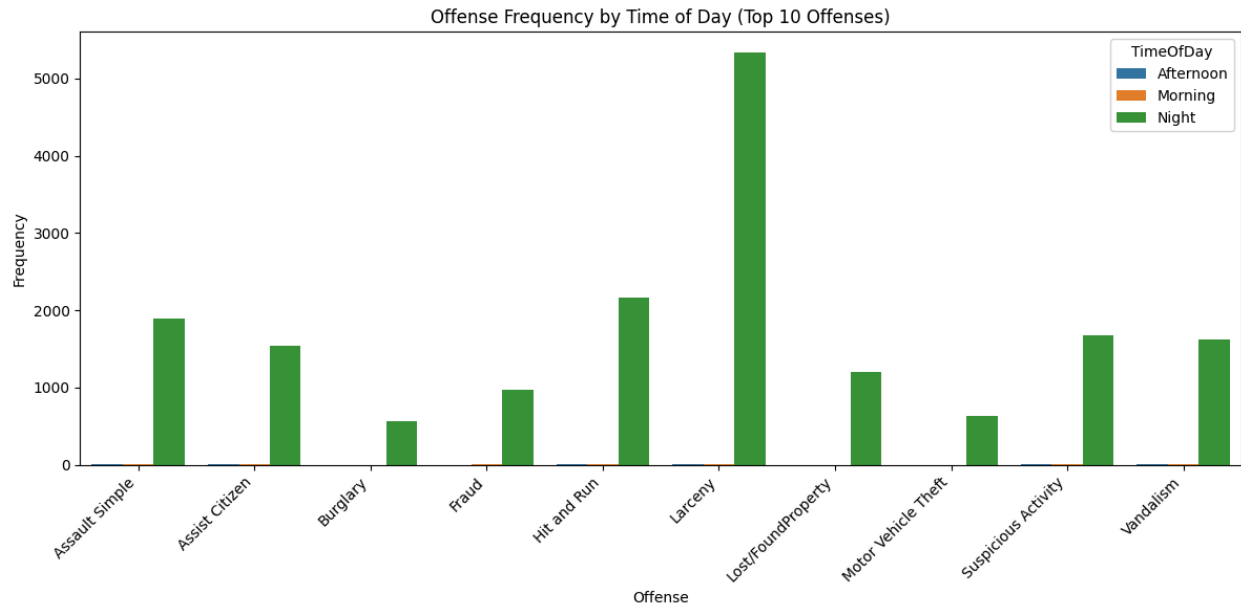- Categorical Variable

TimeofDay_Adjusted
- Time of day crime was reported, relative to sun (Dusk, Noon, Sunrise, Sunset, Dawn)
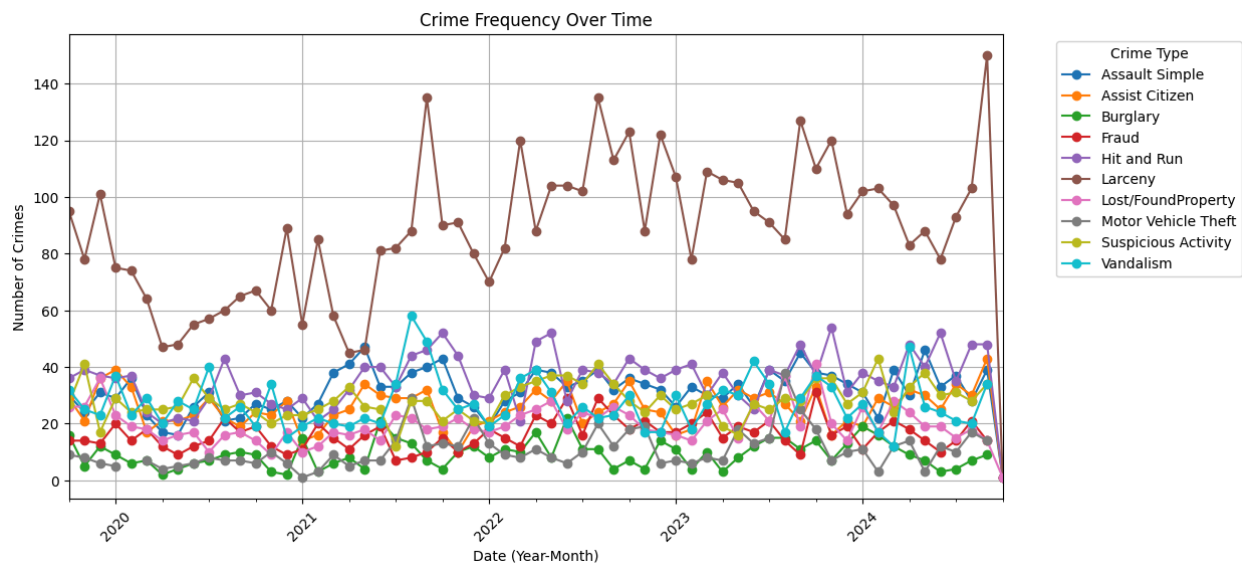- Categorical Variable

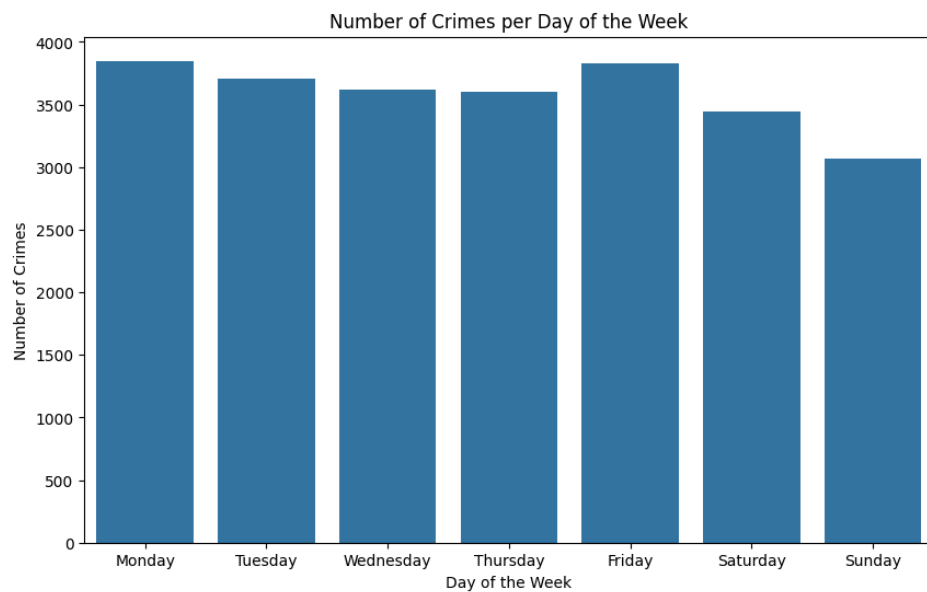*Plot I: The Most Frequent Offenses Reported in Charlottesville from 2009–2023*

Plot II: *What time of day are the most common offenses taking place?*

Offense Frequency by Time of Day (Top 10 Offenses)

Plot 3: How have the frequency of crime types changed over time?

Crime Frequency Over Time

Plot 4: On what days do the greatest number of crimes occur?

Number of Crimes per Day of the Week

Plot 5: During what times of day do the number of crimes spike?

Number of Crimes per Hour of the Day