

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

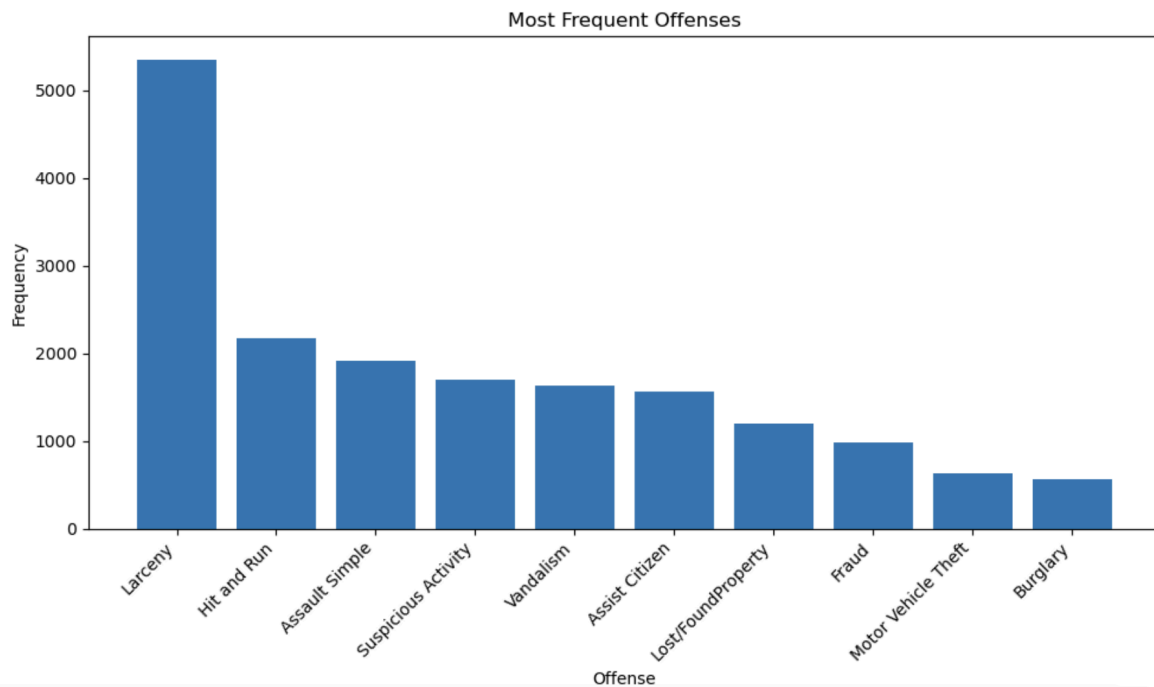
TimeofDay

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

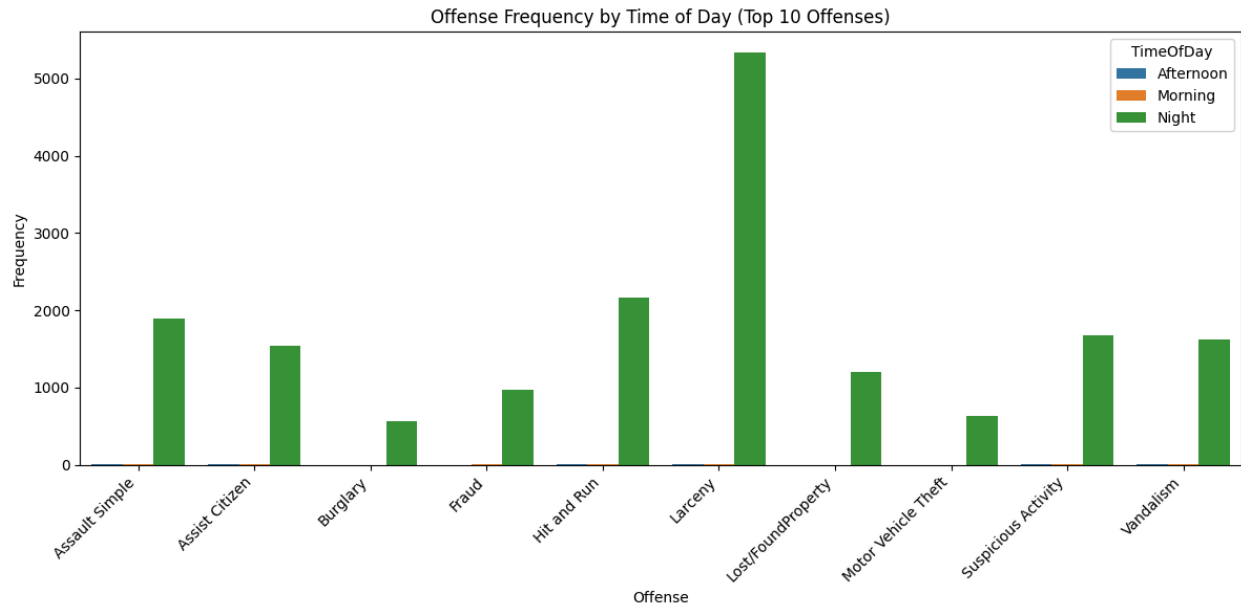
TimeofDay_Adjusted

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

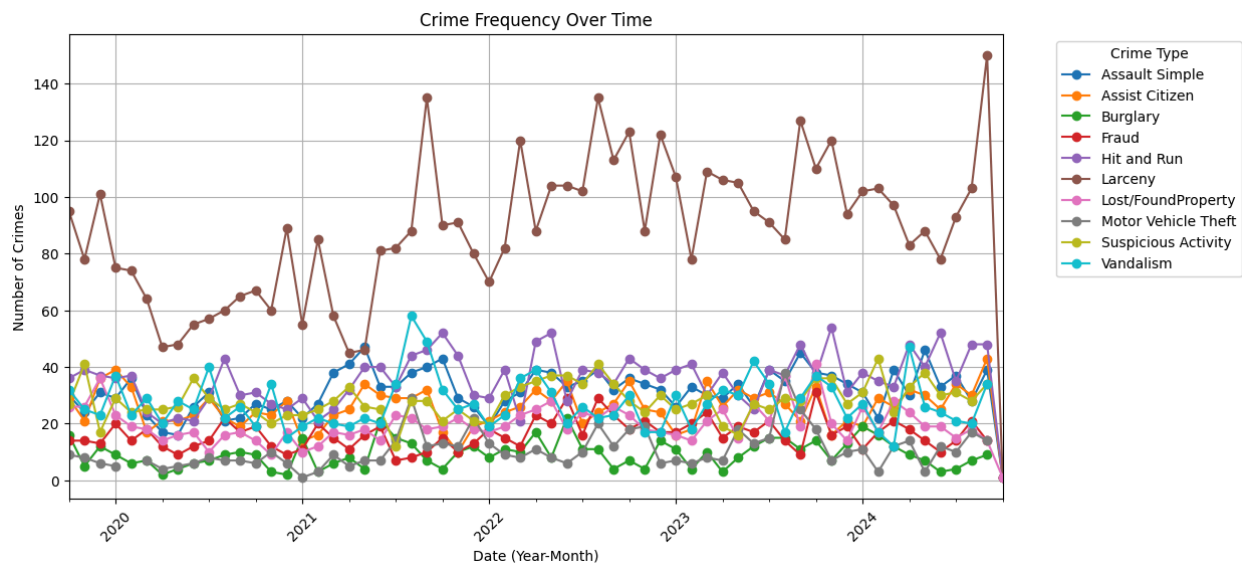
Plot I: The Most Frequent Offenses Reported in Charlottesville from 2005–2003



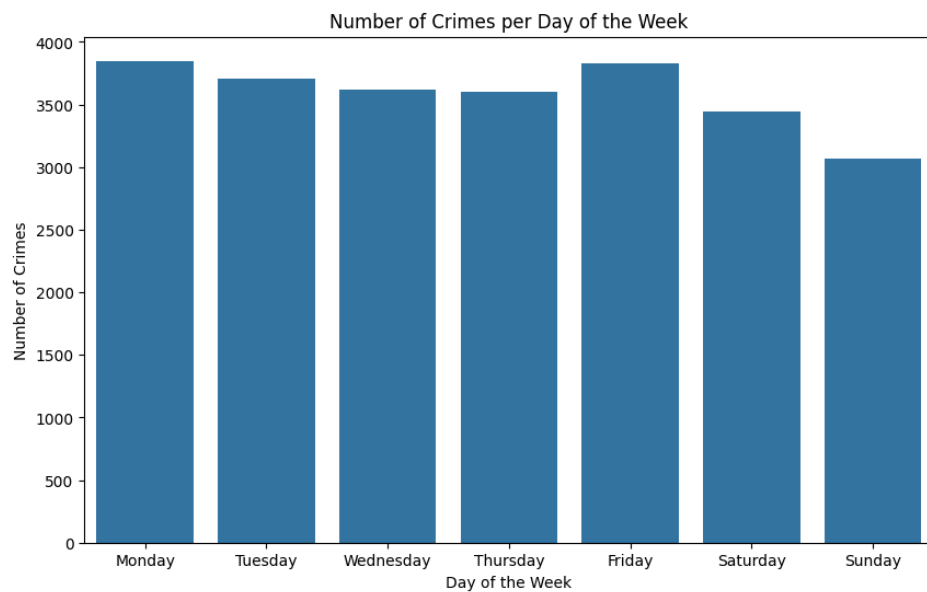
Plot II: What time of day are the most common offenses taking place?



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



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



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

