

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

# Capstone Project - The Battle of the Neighborhoods

Analyze for secure location in Baltimore

# Problem description

- ▶ Goal of project is to detect secure location where new family moving from Europe with 2 kids could get apartment in **Baltimore, US**.
- ▶ Intention is to detect which district have least violence taken from official **Baltimore Police Department** web pages.
- ▶ Idea would be to list down **top 5 districts** for better locations.

# Data which will be used for solving problem

- ▶ Since problem is to find best place for living in Baltimore with respect of how big crime step can be expected in particular district, most reliable data will be police report
- ▶ Next data sources will help to solve problem:
  - ▶ **Data set 1:** Data from Baltimore police department: Data sheet of all Part I crime incidents within Baltimore City: <https://www.baltimorepolice.org/crime-stats/open-data>
  - ▶ **Data set 2:** List of Baltimore neighborhoods from Wikipedia: Wikipedia list of Baltimore neighborhoods: [https://en.wikipedia.org/wiki/List\\_of\\_Baltimore\\_neighborhoods](https://en.wikipedia.org/wiki/List_of_Baltimore_neighborhoods)

# Baltimore crime overview

	CrimeTime	Description	Post	District	Premise
CrimeDate					
08/31/2017	16:04:00	ROBBERY - STREET	843.0	SOUTHWESTERN	NaN
08/31/2017	14:30:00	LARCENY	511.0	NORTHERN	HOSP/NURS.
01/19/2017	19:35:00	ROBBERY - STREET	211.0	SOUTHEASTERN	STREET
08/30/2017	22:30:00	LARCENY FROM AUTO	612.0	NORTHWESTERN	ALLEY
01/02/2017	08:50:00	ROBBERY - RESIDENCE	425.0	NORTHEASTERN	ROW/TOWNHO

# Conclusion

- ▶ As initially stated problem was detect most safer part of Baltimore City in order to have safe family living. Data analysis showed that SOUTHEASTERN district is most violent district while WESTERN district is least violent district with less crimes committed.
- ▶ Taking in account crime data from Baltimore police department conclusion is that most safest district in Baltimore would be Western district.