**Spatiotemporal Analysis and Machine Learning Prediction of Theft Incidents in the different neighborhoods in Vancouver**

**Description:**

This project aims to analyze the distribution of theft incidents in different neighborhoods of Vancouver by utilizing spatiotemporal data mining techniques and building predictive models using machine learning algorithms. By identifying high-crime areas and peak times, exploring potential crime patterns, and predicting the likelihood of theft occurrences at specific times and locations, the project seeks to provide valuable insights to enhance community safety strategies.

**Team members:**

Yuanyuan Yan V00952205

Sam Huang V00926478

Xuqiao Jiang V01040336