**Exploring Spatial Patterns in Toronto's Bike Sharing System**

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**Introduction**

Stations where bicycles are docked and taken from are a common way of implementing a bicycle sharing system. As bicycle sharing becomes one of the most popular ways to commute, it plays a significant role in the public transportation system. According to the Bike Share Toronto 2023 Business Review, the total number of rides in 2023 is estimated to be about $5.5$ million, projected to 2025 to become more than $6.2$ million. The total number of stations deployed is planned to be more than $1,000$ with more than $10,000$ bikes available.

**Problem**