Analysis of user preferences in urban communities: constructing a graph of relationships

Social Network Analysis Course Project

Artjom Rozhkov

Key Idea

- Try to analyze an text comments to find an object and evaluate their sentiment
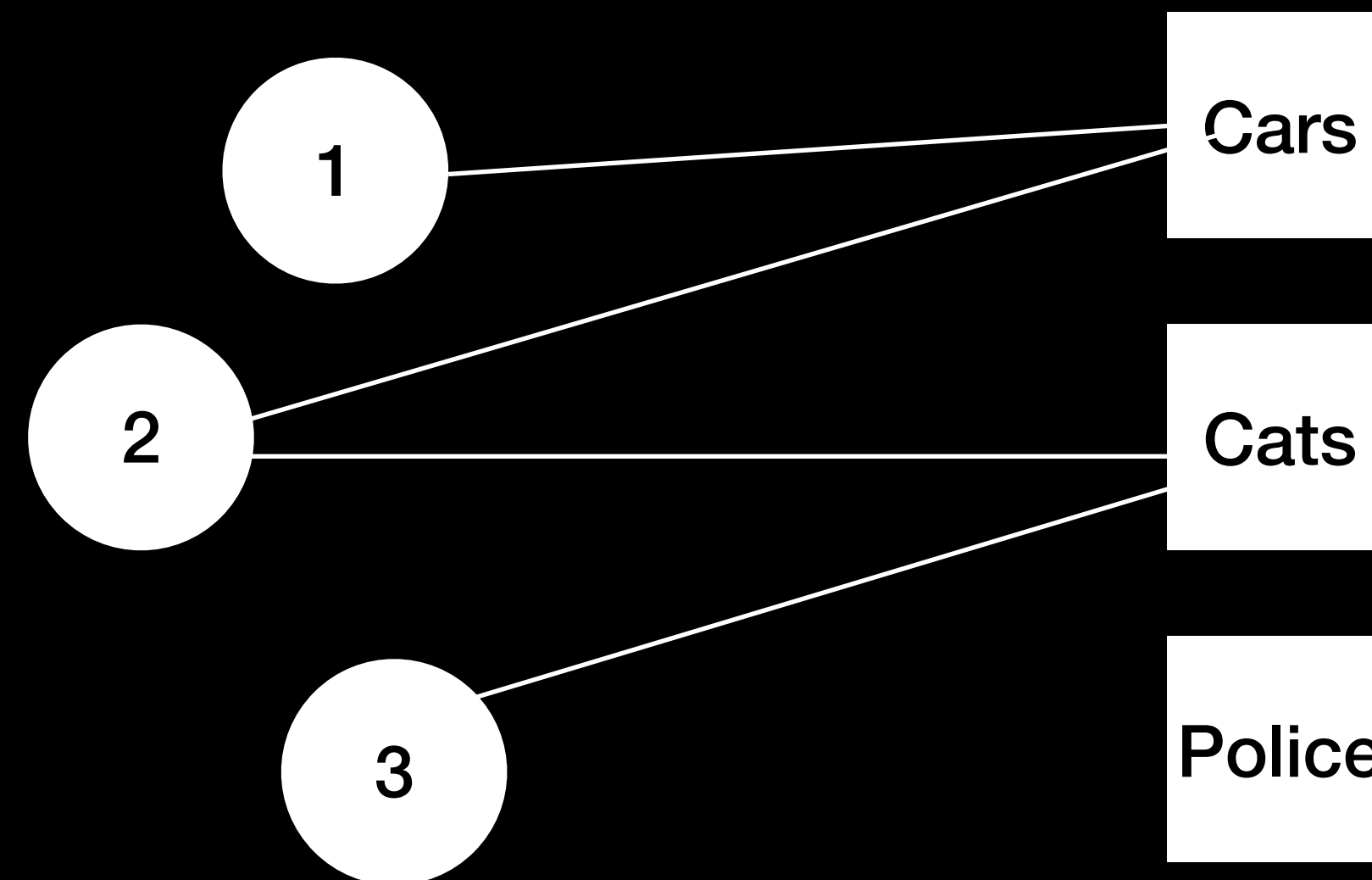
I love cars

I hate buses

Key Idea

- Created a bipartite graph with users, their objects, and their attitudes as nodes. The weight of each edge will indicate the tone of this attitude.

- Try to categorize users based on their unique attitude set.

Dreamteam

Me

Do everything

Limitation

- Data Sampling Size: 20 only the first 20 posts

- Geography: only global Moscow groups

- Data Source: VK as most popular service only

Description of the research dataset

- Table with **13887** filtered rows and **9046** not-unique ids from **300** groups

- Scrapped by **VK API**

	from_id	text
0	-45186843	"Метрополитен мог бы удешевить стоимость, пото...
0	183933233	Дорого 130 р., за 100 мл.. Нигде не написано, ...
0	183933233	Жаль детей.
0	101705512	Какая дурь. Кофе то причём?
0	484178458	а вейпы - реклпама на каждой остановке и продажа