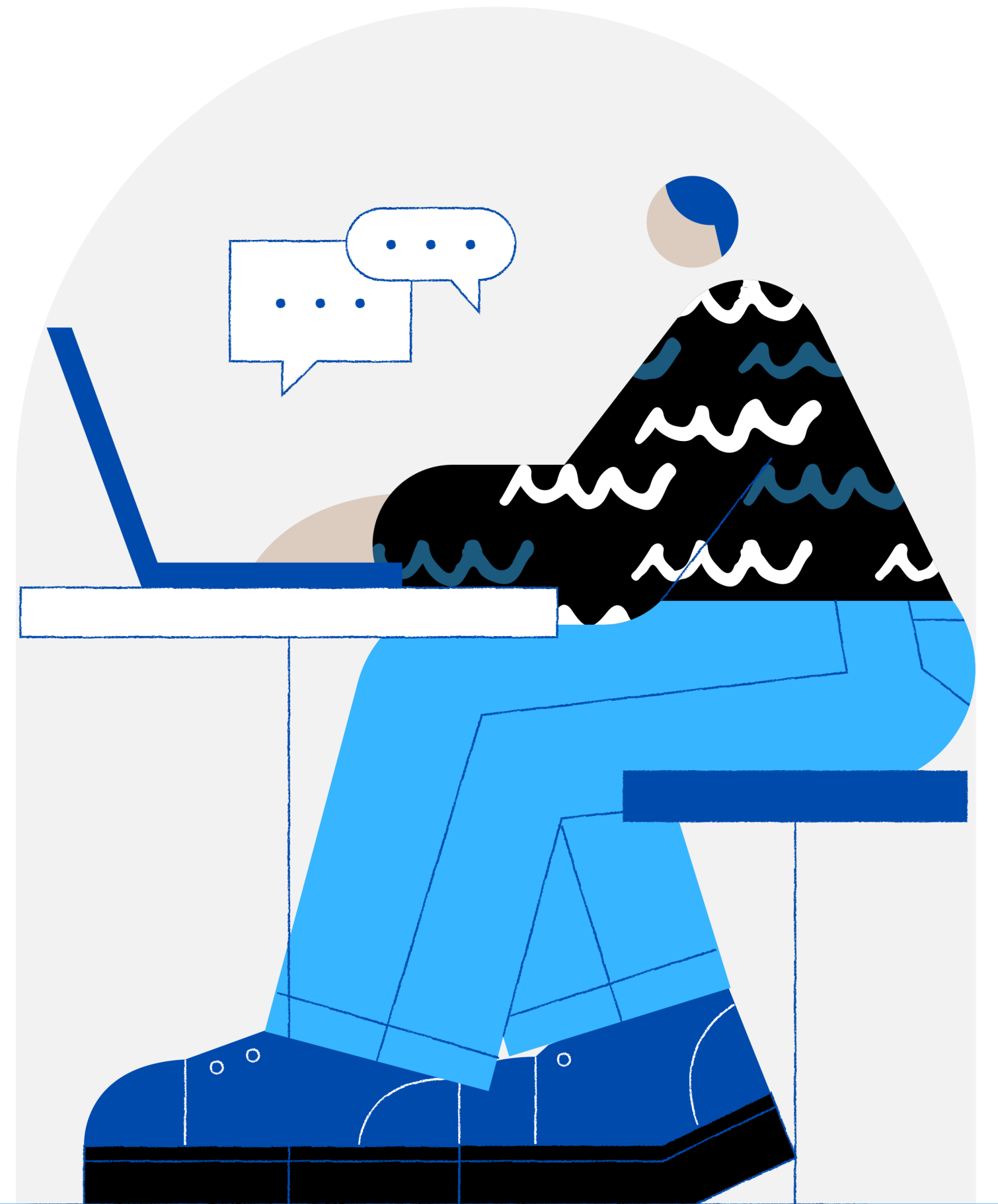
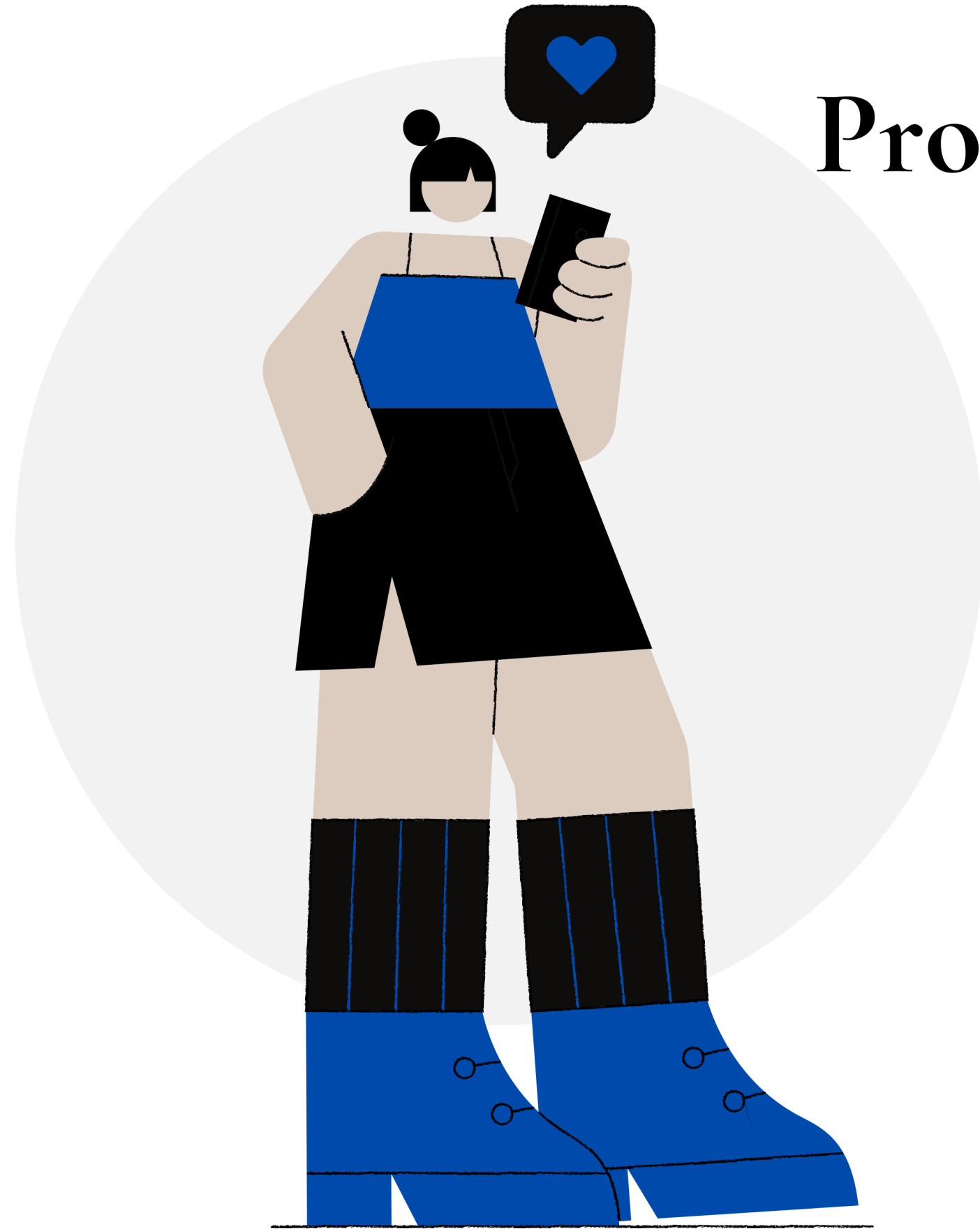


DECEMBER 2022

Predicting information diffusion on Twitter





Problem Statement

Predicting information diffusion on Twitter –
Analysis of predictive features

The main aim is to find the social network
diffusion of a specific topic (#CPEC)

Problem Motivation



- Model information dispersal in these expanding communication channels
- CPEC, a hot topic in South Asia
- Finding the spread of information and predicting diffusion in future tweets
- Analyze tweet sentiments
- We will get the reviews of the people about this project

Problem Setup

- Python script and Twitter developer account to get One hundred thousand tweets.
- Multiple attributes of each user for every tweet
- Machine learning to find sentiments and social network diffusion
- Graphs using multiple libraries of python

Conclusion

- Hardware issues, not able to use complete data
- In the future, data can be used to form a chain of retweets by using data of the users who have retweeted.