Module 2: Assignment 1 - Pramath KP

Problem Statement

- How is the RVCE construction affecting the stakeholders involved?

- It matters due to various factors:

  1. Rise in pollution
  2. Rise in accidents and deaths on campus
  3. Lack of parking space, leading to congestion
  4. Constant noise
  5. Workers moving freely → leading to safety hazards for students

- Stakeholders affected:

  1. Students
  2. Teaching staff
  3. Non-teaching staff

- I want to understand what the general feeling about construction is, and if any solution can be formulated ?

How I Would Start Exploring This

1. Conducting a survey on Google Forms, open to everyone in RVCE

2. Having real-life interviews with students (esp. people struggling to go to RVU – F block :))

3. Going to college for a week straight (tough, but I'll do it)

4. Coming to college with a scooter, metro and car to compare how long it takes.

5. Speaking to the construction people to see what is the schedule.

6. Speaking to management for clarity in the construction progress.

Survey for the Problem Statement

Questions:

- On a scale of 0–3, how much do you think the construction in college affects your daily life:
  0: not at all
  1: at times
  2: often
  3: all the time

- Give an instance of construction leading to some inconvenience for you.

- Which of the following areas do you feel has been affected the most by the construction?

  - Class timings
  - Movement between blocks
  - Parking
  - Library/study spaces
  - Canteen accessibility
  - Other (please specify)

- Has the construction caused delays in you reaching your classes or labs?

  - Yes, regularly
  - Yes, sometimes
  - Rarely
  - Not at all

- Do you think the college has communicated construction updates clearly?

  - Yes, very clear
  - Somewhat clear
  - Not very clear
  - No communication at all

- How safe do you feel walking around areas close to construction zones?
  (0 = Not safe at all, 5 = Completely safe)
  Rate: 0–5

- Do you think the construction is going to be of any help for you?

Analyze – What Would You Look For?

I would look for the overall sentiment of the students. Each question's response can be categorised as neutral sentiment, strong positive feelings or strong negative feelings. Also, certain numerical analysis can be done on the data, calculating the percentage of people affected by construction, and so on, to back the sentiment by numbers. Depending on this, the overall mood of the student and teacher population can be determined, and once it is set, a story can be told to the RVCE management, rooted in data.

Reporting – What Would Your Final Output Look Like?

The final output would have:

a. Visualisations of each of the questions
b. Overall sentiment
c. Changes which the students recommend
d. A story or a short video — like a day in the life of a RVCE student/faculty showing how hard it is to navigate through campus!