Part A: Data Analysis - Learning from the Trends

Objective: Analyze the trends in volunteer applications and identify significant patterns.

1. Hypothesis Formulation: Based on the available data, formulate hypotheses or questions such as:

- How does the number of applications vary across different months?

- What percentage of applicants successfully complete the onboarding process?

- Which factors contribute to volunteers quitting midway?

2. Analysis: Use conditional formatting, pivot tables, or charts to visualize the data and test your hypotheses.

3 Trend Identification: Look for correlations between application status and other data points, such as the timing of applications and completion rates.

4. Visual Report: Choose a specific month and create a visual report summarizing the trends and unique aspects of volunteer applications during that period using graphs or charts.

Part B: Matching of Volunteers to Classrooms

Objective: Develop a method for matching volunteers to classrooms based on requirements and preferences.

1. Review: Examine both "Volunteer Applications" and "Fellow Requests" datasets to understand the needs and preferences.

2. Matching Strategy: Manually assign volunteers to classrooms where their skills and interests align with the classroom's needs. Consider creating a simple algorithm if possible.

3. Communication Plan: Outline how to communicate with applicants whose preferences don't perfectly match classroom requirements, focusing on ensuring the best fit for the students.

4. Automation Suggestions: Propose improvements or technologies that could automate the matching process further, enhancing efficiency and accuracy.