

AI IGNITE WEEK

Technical Track

TASK 4: EMAIL CLASS ORGANIZER

Problem Statement:

Students often get lots of emails (assignments, notices, random promotions). Your task is to build a simple tool that automatically classifies emails into 3 categories: *Study*, *Personal*, *Other*.

What You'll Build:

An email classifier that:

- Reads a CSV of short email subjects/text.
- Classifies each email into one of 3 simple categories.
- Displays counts for each category.

Simple Approach:

pip install pandas scikit-learn

Steps

1. Load sample email dataset (short subjects).
2. Use simple keywords (like “exam, assignment → Study” / “friend, party → Personal”).
3. Train a basic model (Naive Bayes).
4. Predict categories for new unseen emails.

Sample Output:

Email Categories:

Study: 8 | Personal: 3 | Other: 5

Example:

“Submit assignment by Friday” → Study

“Dinner plan tonight?” → Personal

“50% discount on shoes” → Other

Time Required: 2–3 hours

Difficulty: Beginner–Intermediate