

Assignment: Data Science Batch Management System

Objective

Develop a Python class to manage student enrollments for different Data Science batches. The goal is to practice basic **Object-Oriented Programming (OOP)**, specifically class initialization, attribute management, and instance methods.

Requirements

1. The Class Structure

- **Class Name:** `UltimateDataScienceBatch`
- **Initialization:** Use the `__init__` method to accept a `batch_id` (e.g., "Batch 1.0").
- **Attributes:** Each instance must maintain its own independent list of students.

2. Functional Requirements

- **Student Storage:** We should be able to add multiple students to a batch. Each student must be stored with their **Name** and **Email** inside a dictionary.
- **Add Method:** Create an `add_student(name, email)` method that appends the details to the student list and prints a confirmation message.
- **Print Method:** Create a `print_student_names()` method that displays the header and iterates through the list to show every student's name.

3. Constraints

- **Instance Independence:** Each batch (e.g., Batch 1.0 and Batch 2.0) should be its own unique object and store its own unique list of students.

Expected Output Example

```
Added krish to Batch 1.0
Added adarsh to Batch 1.0
Added ziad to Batch 2.0

Student list for Batch 1.0:
- krish
- adarsh

Student list for Batch 2.0:
- ziad
```