**Code summary**

The code reads enrollment data from a CSV file and performs several tasks such as identifying the top 5 courses and instructors with the highest number of students, comparing enrollment levels by program and delivery mode, and assessing course capacity. The tasks are performed using Pandas functions such as nlargest(), groupby(), and size(). The code also generates visualizations such as a pie chart showing the distribution of students by program and delivery mode. Additionally, the code performs an extra analysis by showing the number of students per delivery mode. Overall, the code provides insights into course enrollment data and can help in monitoring the semester.

**Output:**

Top 5 courses with the highest number of students:

18 137

19 130

17 94

42 58

12 49

Total no. of students per level:

Level

CORP 302

G 740

G-UG 247

UG 934

Top 5 instructors with the highest number of students:

Instructor(s)/Teaching Assistant

56 209

41 193

36 150

24 137

14 134

Number of courses per section status:

Section Status

Closed 8

Open 85

Number of students per Delivery Mode:

Delivery Mode

In-Person 1580

Online 643

**Chart, pie chart

Description automatically generatedChart, pie chart

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