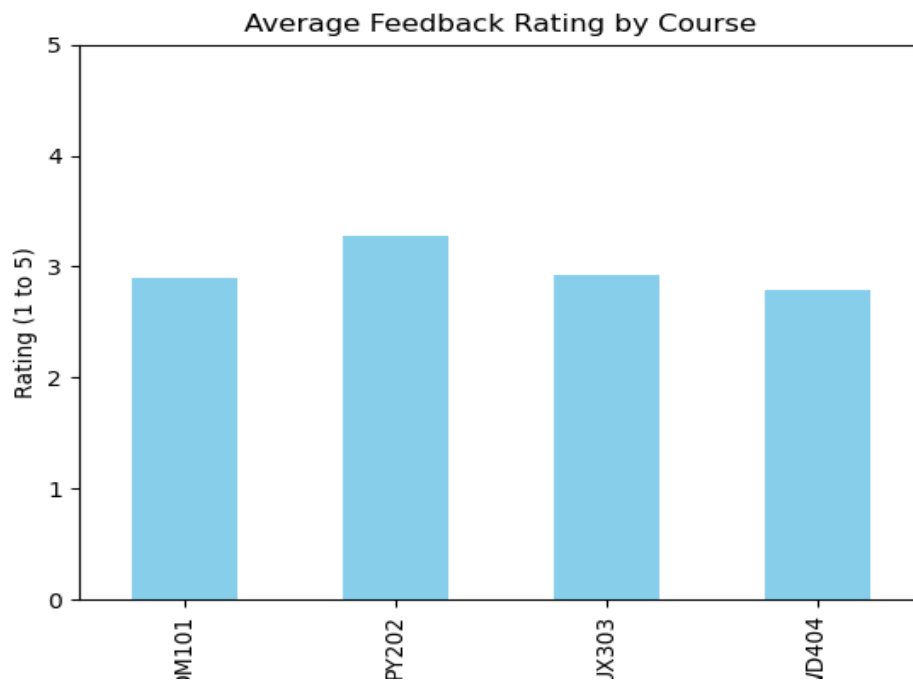
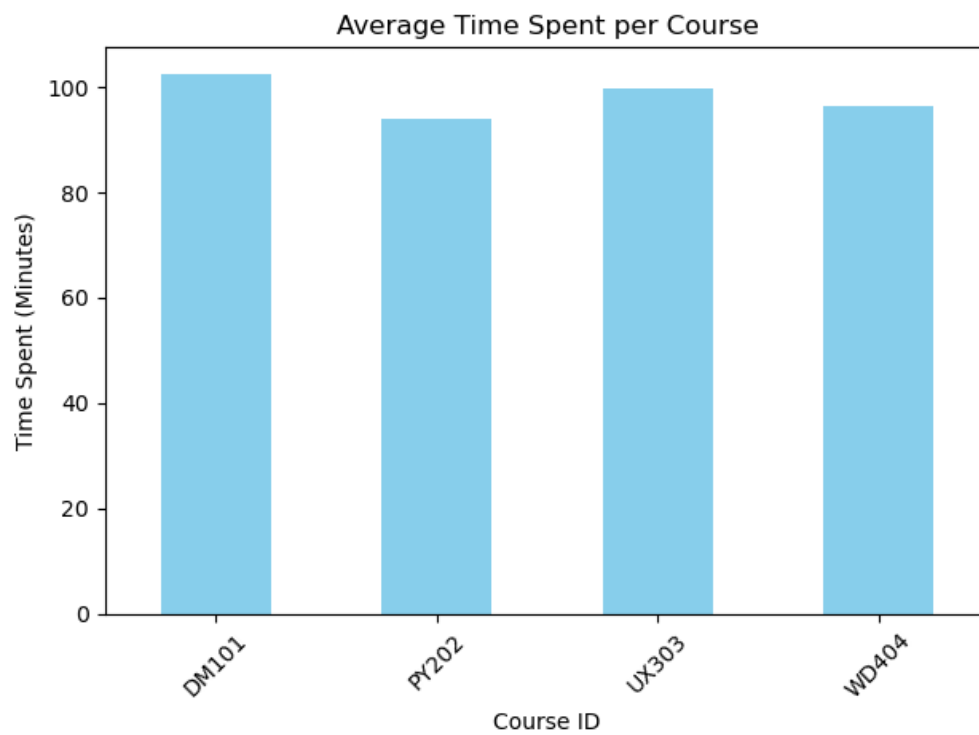


Visualisations :

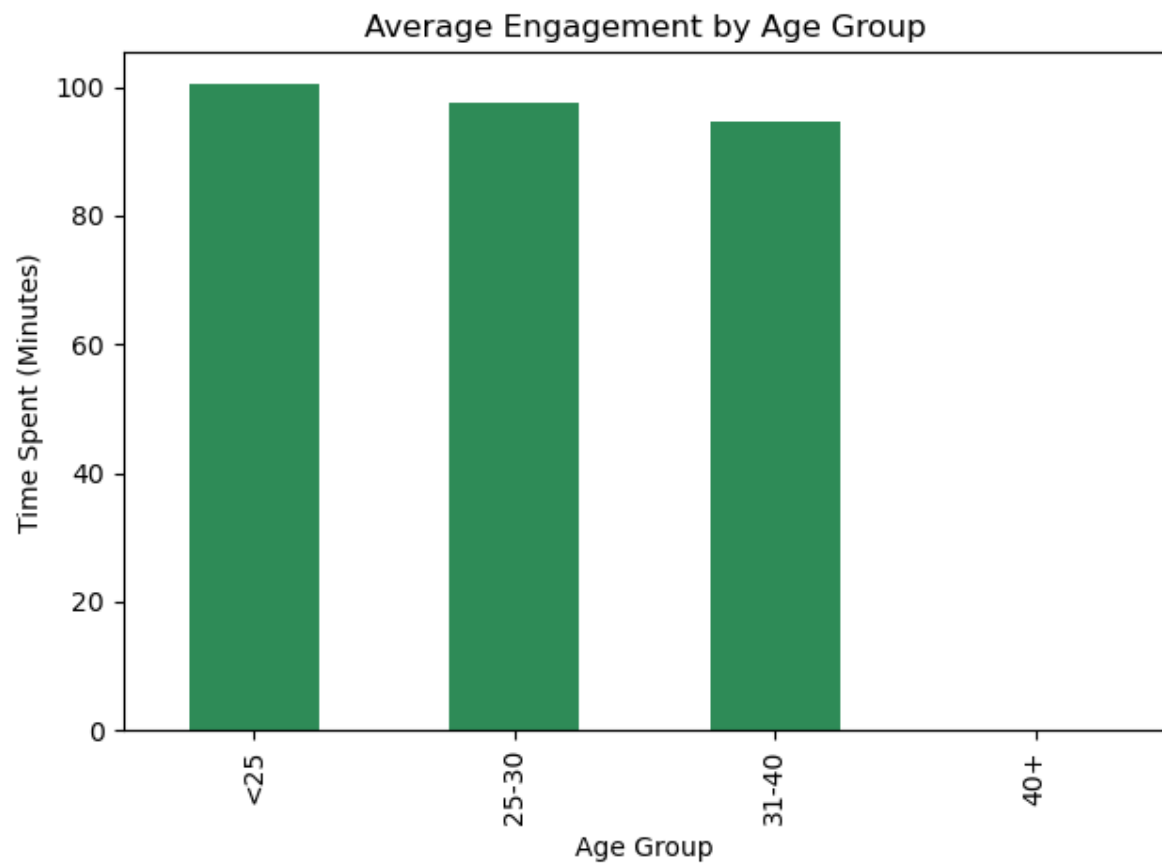
Visualization 1: Average Feedback Rating Per Course



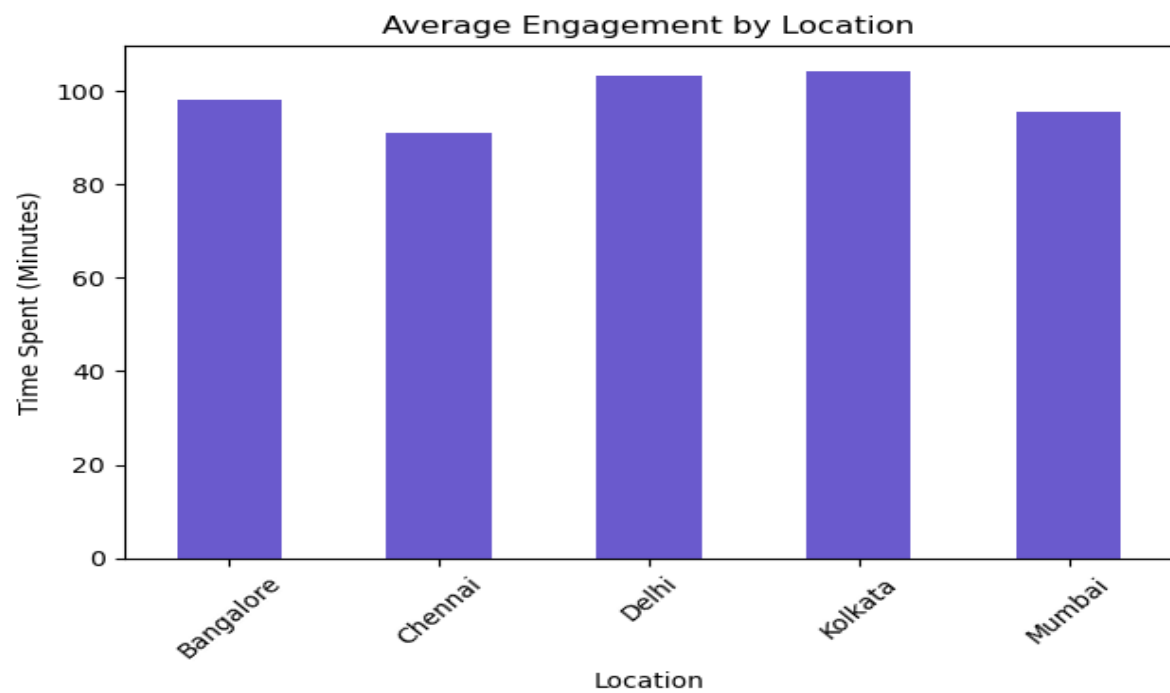
Visualization 2: Average Time Spent Per Course



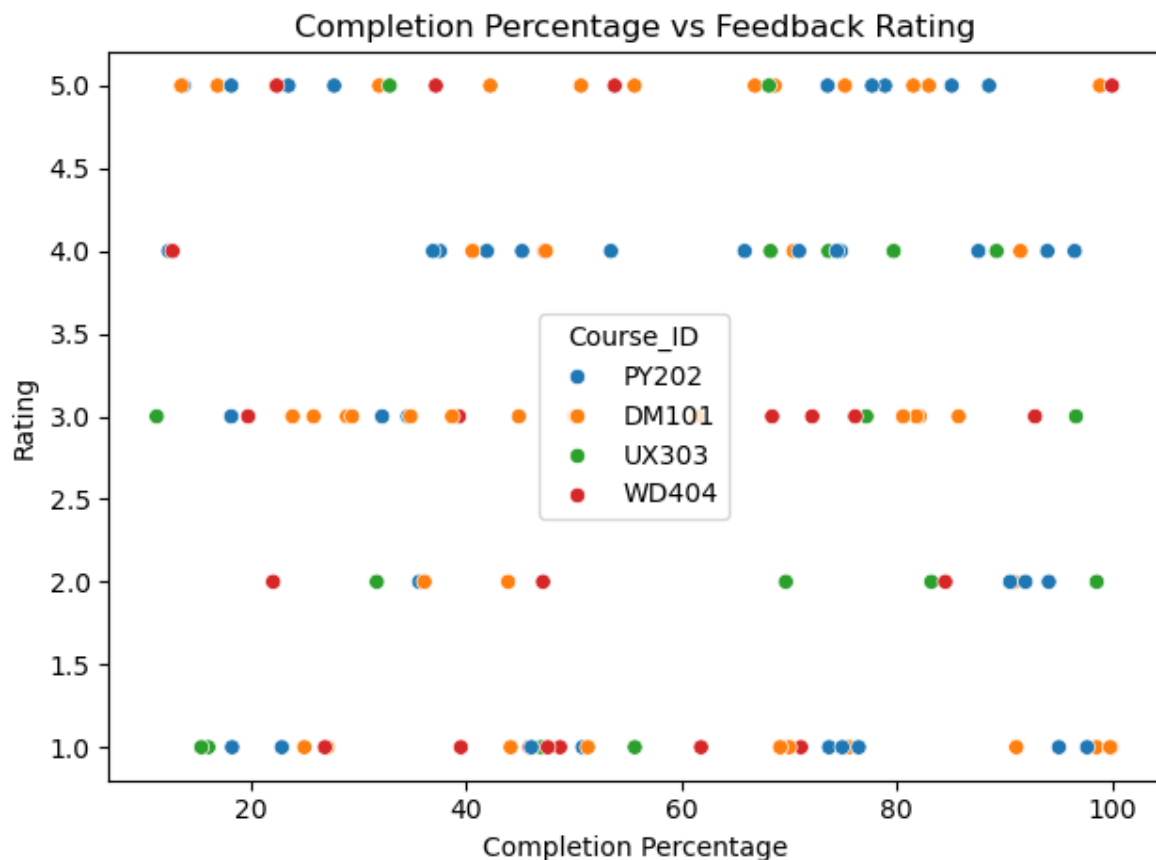
Visualization 3: Engagement by Age Group



Visualization 4: Engagement by Location



Visualization 5: Scatter Plot – Completion % vs Rating



Top 5 Insights from Analysis :

1. Average Course Completion is Moderate (54.78%)

On average, students complete about **55%** of a course.

This indicates **moderate engagement**, and suggests that **many students may be dropping out mid-course**.

2. Engagement Varies Significantly by Course

- **DM101** has the **highest average time spent** (102 mins), showing it keeps students engaged.
- **PY202** has the **lowest engagement time** (93 mins), which could mean the course is **too easy, too short, or not engaging**.

3. Younger Students and Certain Cities Are More Engaged

- Students aged **under 25** spent the most time on courses.
- Students from **Kolkata** and **Delhi** show the **highest engagement**, while **Chennai** has the lowest.

This reveals opportunities to **tailor content or marketing by age and region**.

4. All Courses Have Room for Improvement in Ratings

- Feedback ratings for all courses are below **3.3 out of 5**, with **WD404** being the lowest.
 - **PY202** is rated the highest (3.28), but it still has room for improvement.
5. Low Correlation Between Completion and Satisfaction
- The correlation between **completion % and feedback rating is -0.05** (very weak and negative).
 - This means students **might complete a course but not rate it highly** — and vice versa.
 - **Completion alone isn't a strong indicator of student satisfaction.**

Recommendations:

1. Boost underperforming courses by updating content.
2. Target ads or support for locations with low engagement.
3. Introduce rewards for high course completion.