Zylentrix Assignment Data Insights

- The Highest Course taken by students is DM101 and the lowest course taken by students is PY202.

- Average Completion Rate across courses is 54.78 %.

- In the average rating for course the course PY202 is rated the highest with average rating of 3.07 and UX303 has the lowest average rating of 2.85.

- Average engagement in minutes is highest for students in 18 years of age with average engagement of 107.10 mins and is lowest for students in 23 years of age with average engagement of 81.38 mins.

- Based on location the Average Engagement is highest for Kolkata and Lowest for Chennai

Zylentrix Assignment Data Insights

- Based on location high average rating came from Chennai and lowest from Delhi

- Except course DM101 all the other courses had peak average engagement in Q3 of the year and the course DM101 had peak average engagement in Q1 when the peak average engagement of other courses were low

- Based on average time spent on a course UX303 ranks the highest and PY202 the lowest.

- Delhi has highest course completion percentage among the other cities.

- Age group of 18-21 has the highest course completion percentage.

- A very low correlation of -0.07 between completion and rate and feedback rating implies that satisfaction doesn't necesarily drives course completion

Zylentrix Assignment Recommendations

- Review content structure of course PY202 to to identify why students disengage early.

- Tailor course materials based on age brackets adjusting to behaviorial patterns

- Encourage feedback especially from students with low completion rates through a survey or incentives to better understand dropout reason and improve content iteratively.