Project -2 Part 3 Building an analysis and visualization user interface

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We created 3 dashboards based on the questions that were prepared and outputs derived using MapReduce code. Three dashboards are created based on year-wise trend for students' information, classes scheduled in particular building and department-wise courses. And we have submitted below three dashboards files:

- ➢ **Classes in building weekdays wise.twbx**
- ➢ **Departmental courses year-wise.twbx**
- ➢ **Student Info Year-wise.twbx**

Dashboard - 1:

This dashboards visualizes the change in number of classes held between 2 consecutive years on a particular Day of Week at a particular Location (Building).

Dashboard - 2:

This dashboard visualizes the change in number of courses offered by a particular Department over 2 consecutive years.

Dashboard - 3:

This dashboard analyses and visualizes based on student information derived from 3 different outputs. First part in dashboard gives an idea about seats utilization for particular courses. Second part focuses about change in number of students between consecutive years. And last part gives an idea about how many students attended classes in Morning, afternoon, and evening in particular building. Third plot depicts trend over consecutive years.