**Hypothesis Testing (A/B Testing)**

1. In ‘Course\_page\_actions.csv’ dataset

Test that average duration for the group experiment is bigger than the average duration in group control

Alternative:

Avg (Experiment. Duration)-Avg (control. Duration)>0

Null:

Avg (Experiment. Duration)-Avg (control. Duration) <=0

**2-**

In ‘classroom\_actions.csv’ dataset

Test that average completion rate for the group experiment is bigger than the average completion rate in group control

Alternative:

Avg (Experiment. Completed==1)-Avg (control. Completed==1)>0

Null:

Avg (Experiment. Completed==1)-Avg (control. Completed==1) <=0