**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

**Bonus assignment**

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