**Tasks related dataset anylsis**

Visualize raw data epochs

1. Adjust the trigger.
2. Confirm number event by coding and double check with manual inspection of few filses after epoching
3. Confirm the durations of MLR ,LLR stimuli and sampling rates
4. Confirm duration of 500ms epoch
5. Confirm inphase a out of phase stimulus and trigger are properly synced after down sapling
6. Frequency analysis to check the powerline by coding

**Phase 1 statistical tests only**

Python coding for following tests to come up with appropriate test for inphase vs anti-phase

1. Shapshapiro,
2. levene.
3. ann-Whitney U test
4. Kruskal-Wallis test,
5. Unpaired t test,
6. signed test
7. ,Kolmogorov-Smirnov test,
8. Wilcoxon signed-rank test
9. Replies for professor comments

**Phase 2 statistical testing for frequency and duration**

Find out more appropriate tests,

python coding for test Friedman tests, post hoc Nemenyi test for each duration and each frequency

python coding for creating excel files.

python coding for rank tables for each duration and pairwise rank

python coding for Nemenyi plots

improving abstract, analyses and discussion of the paper