**LAB 2**

**1.** a) What is [Levene Test for Equality of Variances? Explanation and example.](https://www.itl.nist.gov/div898/handbook/eda/section3/eda35a.htm)

b) What are post hoc comparison tests used for in ANOVA? Explanation and example

**2.** Using MS Excel, R language and Python language to perform Chi Square test on the independence of two categorical variables with the data file: *Energy Drink Survey*

3. Using MS Excel, R language and Python language to perform ANOVA with data file (including Levene, ANOVA, Tukey Test): *Insurance survey*

4. Using R language and Python language to perform ANOVA with data file about VIETNAM NATIONAL HIGHSCHOOL EXAM SCORE 2018 (with optional hypotheses)

<https://www.kaggle.com/ngvietlg/vietnam-national-highschool-exam-score-2018/version/1>