

Project 2

- At most 4 students per group
- Scope: Inferential statistics
- Use Secondary data (from organizations, websites, etc.)
- Discuss about the case study
- Do the suitable inferential statistics
 - Compulsory:
 - Hypothesis testing 1-sample or 2-sample
 - Correlation
 - Regression
 - Optional (at least 1):
 - Goodness of fit test
 - Chi Square test of independence
 - ANOVA

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- Findings are represented in short paper (3-4 pages)
- Should consist of
 - Introduction
 - What you want to study?
 - Hypothesis Testing
 - Discussion and Conclusion
 - References (if any)

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- Presentation on Week 14 (5th – 11th May)
- Submission of short paper via e-learning and also hard copy to the lecturer
- E-Portfolio Reflection (will be explained by the lecturer in Week 12)

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Sources of data (suggestion only):

<https://guides.emich.edu/data/free-data>

<https://rsp.uni.edu/secondary-data-sets>

<https://www.dosm.gov.my/v1/>

<https://perso.telecom-paristech.fr/eagan/class/igr204/datasets>

<http://statweb.stanford.edu/~sabatti/data.html>

<https://www.springboard.com/blog/free-public-data-sets-data-science-project/>