Summary

# Team Contribution

As a team, we discussed about the dataset and remove the uncertain data like having 98 kids.

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* Upekka - 199306A
  + Analyzed the data and calculate statistical measurements using python
  + Visualized the data using power Bi tool
* Nuwani - 199362N
  + Analyzed the data and write the execution summary
  + Hypothesis Testing
* Miyuru 199367J
  + Analyzed data and produce visualisation using python, matplotlib, mpld3.
* Nilusija - 199352J
  + Analyzed the data  and draw the distributions of each parameter using python and writing the detail summary report.

# Git repository URL

<https://github.com/UpekkaA/datascience-assignment1.git>

# Hypothesis

* The average hourly wage of a person is less than 13.5 unit.

# Assumptions

* The people who are less than 30 years and greater than 50 years are not earning
* Kids are not earning and they don’t have educations as well.
* The ones having 98 or 99 kids may be orphanage conductor or that data may be erroneous. So we consider them as outliers and not take into our calculation.
* Hourly wage is calculated as (Earnings / No of hours worked)

# Refereneces

* <https://psidonline.isr.umich.edu/>
* <https://onlinewritingtraining.com.au/2014/04/bullet-points-or-prose-in-executive-summaries/>