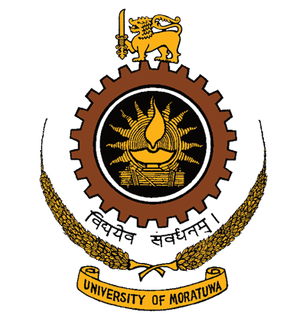
**2019 Presidential Election Poll Survey Project Report**



**Department of Computer Science and Engineering**

**University of Moratuwa**

**Academic Year 2019**

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**Group - Unbiased Estimators**

**CS5651 - Statistical Inference**

**Analyzing the opinion on Presidential Election 2020 of Educated Youth Population in Western Province**

**Research Question:**

The main objective of this research is to predict which candidate has the highest chance to win the next presidential election and how the voter’s response to the national policies that the candidates going to implement in the next five years.

**Members with ID and their contribution:**

* K.A.H.P.Perera – 199354R (Questionnaire Design , Analyzing Results, Creating Report)
* N.A.H.W.S.Chathuranga - 199309K (Questionnaire Design , Analyzing Results, Creating Report)

**Introduction:**

We conducted this survey throughout a week period and we ended up with 218 valid responses. We used a mixed approach to do the data collection in this survey. This include collecting data through online survey, phone survey and interview voters going door to door. Sample of these voters selected randomly to avoid sampling bias. We decided to limit this study to western province and only consider educated youth segment due to the time frame and the cost of data collection. Since educated youth segment can do a significant influence to the overall election results we reframed our objective to identify the candidates popular among educated youth segment in western province and how they prioritize the national policies.

**Results and analysis:**

**Conclusion:**

**Discussion:**

Mention gaps in your study and how to improve next time.

**Git Repo Link** - <https://github.com/heshan92/Statistical-Inference-Project>

Git should contain the questionnaire, the responses and any scripts used for analysis. Please organize these items under different folders named appropriately. Also, have a folder with related outcomes/figures.