**Final Project Proposal**

Machine Learning

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| Project Title: | Climate Change – Weather Prediction Model |
| Team Members: | Anna Wrobel  Latyr Thiao  Leah Lindy  Lujane Abdelgadir  Prajakta Galvankar  Stephen Zhang |
| Project Options: | Plan A: Weather data API predictions – temperature – ARIMA We will refer to the following exercise as the main source:  <https://stackabuse.com/using-machine-learning-to-predict-the-weather-part-1/>  <https://climate.weather.gc.ca/historical_data/search_historic_data_e.html>  <https://climatedataguide.ucar.edu/climate-data/global-surface-temperatures-best-berkeley-earth-surface-temperatures>  <https://geohub.lio.gov.on.ca/datasets/fire-weather-sector/data> Plan B: SPAM Filter – NLP Binary classification <http://www.dt.fee.unicamp.br/~tiago/smsspamcollection/>  <https://github.com/Krishnadhruv/Spam-Filter-Python-NLP/blob/master/Spam%20Filter_%20Python%20(NLP).ipynb> |