



# Weather Prediction Project

Presented by

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# Agenda

- 01** Introduction
- 02** Data set
- 03** Model Training
- 04** Final output



# Introduction

These daisies farmers lost their harvest because of the unfortunate weather incidents. Not only the farmers but also construction field , vehicle painters and many more people works in several fields they have to face various problems because of this bad weather.

When we talk about farmers if they didn't cultivate their seeds in correct weather stats they may be lost their predicted amount of harvest because in the agricultural field weather is a one of main thing that they consider

In construction field they also consider about the weather because their some work have to be postponed and may be stop because of this bad weather. But the problem is when they stop their construction works they lost their predicted income. They have to pay for labors more than they calculated.

So regarding these problems , we think to give a solution for this problems. It is a weather forecast app. In here they can check the future weather prediction and they manage their works according to the results. We think that this solution actually help to solve these problems.

# Background

Currently in smart phones has this feature they predicted next three of four days . But it can't predict past day or future day more than three day. So that reason this app may help to predict specific date of specific month.

Some other web application already exists but they all about other countries not to sri lanka there fore our we can't get accurate result like those solutions.

# Data Set

- National Oceanic and Atmospheric Administration

# Model Training

- Regression
  - Linear regression
  - Ridge regression

# Final Output