Welcome!

Welcome to "***Predict Future Product Prices using Facebook Prophet."*** This is a project-based course which should take approximately 1 hour to finish. Before diving into the project, please take a look at the course objectives and structure:

Course Objectives

In this course, we are going to focus on the following learning objectives:

1. *Understand the theory and intuition behind Facebook Prophet time series prediction tool.*
2. *Import Key python libraries, dataset and perform data visualization.*
3. *Transform dataset to Facebook Prophet format.*
4. *Build a time series forecasting model using Facebook Prophet.*
5. *Compile and fit model to training data.*

Course Structure

This course is divided into 3 parts:

1. Project Overview: This introductory reading material will walk you through the project.
2. ***Predict Future Product Prices using Facebook Prophet*:**This is the hands on project that we will work on in Rhyme.
3. Graded Quiz: This is the final assignment that you need to pass in order to finish the course successfully.

Project Structure

The hands on project on ***Predict Future Product Prices using Facebook Prophet*** is divided into following tasks:

Task 1: Project overview

Task 2: Import Libraries and data-sets

Task 3: Explore Data-set

Task 4: Prepare the data for Facebook Prophet

Task 5: Understand the theory and intuition behind Facebook Prophet

Task 6: Develop forecasting model and make predictions - Part A

Task 7: Develop forecasting model and make predictions - Part B