

Project Design Phase-I
Proposed Solution Template

Date	23 rd October 2023
Team ID	Team-592652
Project Name	Project - Time Series Analysis for Bitcoin Price Prediction Using Prophet
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Time Series Analysis For Bitcoin Price Prediction Using Prophet
2.	Idea / Solution description	The primary goal of the solution is to provide accurate predictions and insights into Bitcoin price movements, catering to both novice and experienced investors.
3.	Novelty / Uniqueness	Including a chatbot in our project is a novel or unique idea
4.	Social Impact / Customer Satisfaction	The interface and the website will be very much user-friendly and the user will get the response very quickly.
5.	Business Model (Revenue Model)	Offer basic prediction and historical data access for free. Premium users can access advanced features, more detailed historical data, and real-time updates via a subscription fee.
6.	Scalability of the Solution	Host the solution on cloud platforms like AWS, Azure, or Google Cloud for scalable and cost-effective infrastructure. Autoscaling can handle increased user demands. Design the system using microservices, allowing for individual components to scale independently as needed.