

Project Initialization and Planning Phase

Date	20 Nov 2024
Team ID	739720
Project Name	Time Series Analysis for Bitcoin Price Prediction using Prophet
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love. A well-articulated customer problem statement allows you and your team to find the ideal solution for your customers' challenges. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

I am	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the care about - what are they trying to achieve?	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - what bothers them most?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problems or barriers exist - what needs to be solved?	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

Reference: <https://miro.com/templates/customer-problem-statement/>

Example:

Problem Statement (CPS)	I am	I'm trying to	Which makes me feel
	a crypto investor	existing tools are often inaccurate they don't capture seasonality and trends well	uncertain and frustrated
	But		

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
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PS-1	A crypto investor	Predict future Bitcoin prices	Existing tools are often inaccurate	They don't capture seasonality and trends well	Uncertain and frustrated
PS-2	A financial analyst	Analyse BTC market trends	Manual methods are time-consuming	There's no automation in trend forecasting	Overwhelmed and inefficient