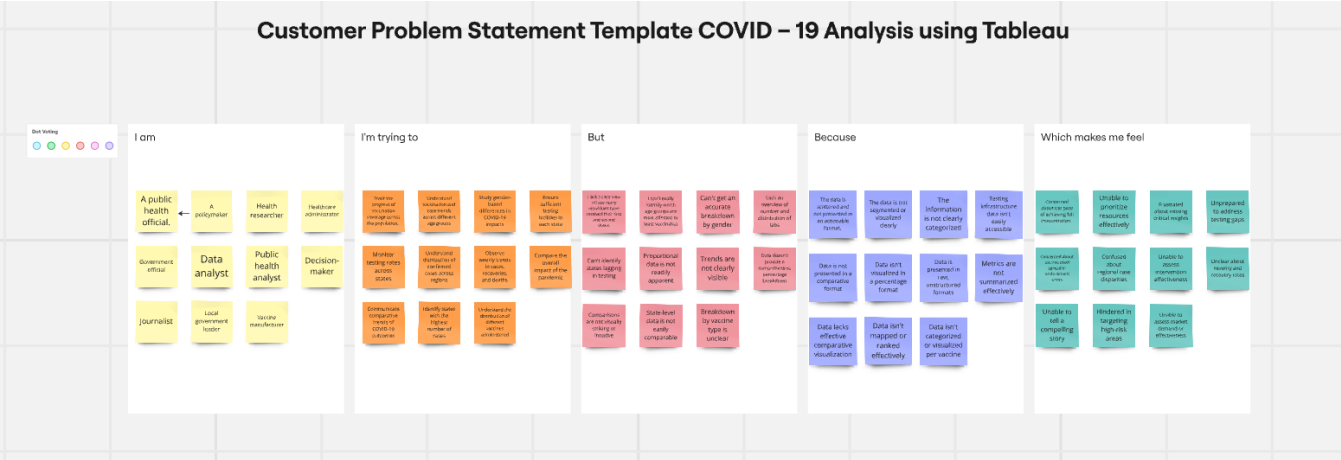
Project Initialization and Planning Phase

Date	1 December 2024
Team ID	xxxxxx
Project Name	COVID – 19 Analysis using Tableau
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement):

As countries around the world continue their efforts to combat the COVID-19 pandemic, data on the virus is tirelessly reported every day. India is currently facing a surge of new cases in nearly all of its states. As per this project, we will be analysing some important visualization, creating a dashboard and by going through these we will get most of the insights of COVID - 19 in India.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1 - First vs Second Dose Administered	A public health official.	Track the progress of vaccination coverage across the population.	I lack a clear view of how many individuals have received their first and	The data is scattered and not presented in an actionable format.	Concerned about the pace of achieving full immunization.

			second doses.		
PS-2 - Age Group Details	A policymaker	Understand vaccination and case trends across different age groups	I can't easily identify which age groups are most affected or least vaccinated	The data is not segmented or visualized clearly	Unable to prioritize resources effectively
PS-3 - Gender Distribution	Health researcher	Study gender-based differences in COVID-19 impacts	Can't get an accurate breakdown by gender	The information is not clearly categorized	Frustrated about missing critical insights
PS-4 - Labs in Each State	Healthcare administrator	Ensure sufficient testing facilities in each state	Lack an overview of number and distribution of labs	Testing infrastructure data isn't easily accessible	Unprepared to address testing gaps
PS-5 - Statewise Testing Details	Government official	Monitor testing rates across states	Can't identify states lagging in testing	Data is not presented in a comparative format	Concerned about uncontrolled spread in underserved areas
PS-6 - Percentage Distribution of Cases	Data analyst	Understand distribution of confirmed cases	Proportional data is not readily	Data isn't visualized in a percentage format	Confused about regional case disparities

		across regions	apparent		
PS-7 - Weekly Confirmed/Cured/Death	Public health analyst	Observe weekly trends in cases, recoveries, and deaths	Trends are not clearly visible	Data is presented in raw, unstructured formats	Unable to assess intervention effectiveness
PS-8 - Total % of Death vs Cured vs Confirmed	Decision-maker	Compare the overall impact of the pandemic	Data doesn't provide a comprehensive percentage breakdown	Metrics are not summarized effectively	Unclear about severity and recovery rates
PS-9 - Comparison of Death vs Cured vs Confirmed	Journalist	Communicate comparative trends of COVID-19 outcomes	Comparisons are not visually striking or intuitive	Data lacks effective comparative visualization	Unable to tell a compelling story
PS-10 - Statewise No. of Confirmed Cases	Local government leader	Identify states with the highest number of cases	State-level data is not easily comparable	Data isn't mapped or ranked effectively	Hindered in targeting high-risk areas
PS-11 - Doses Administered by Vaccine	Vaccine manufacturer	Understand the distribution of different vaccines administered	Breakdown by vaccine type is unclear	Data isn't categorized or visualized per vaccine	Unable to assess market demand or effectiveness