

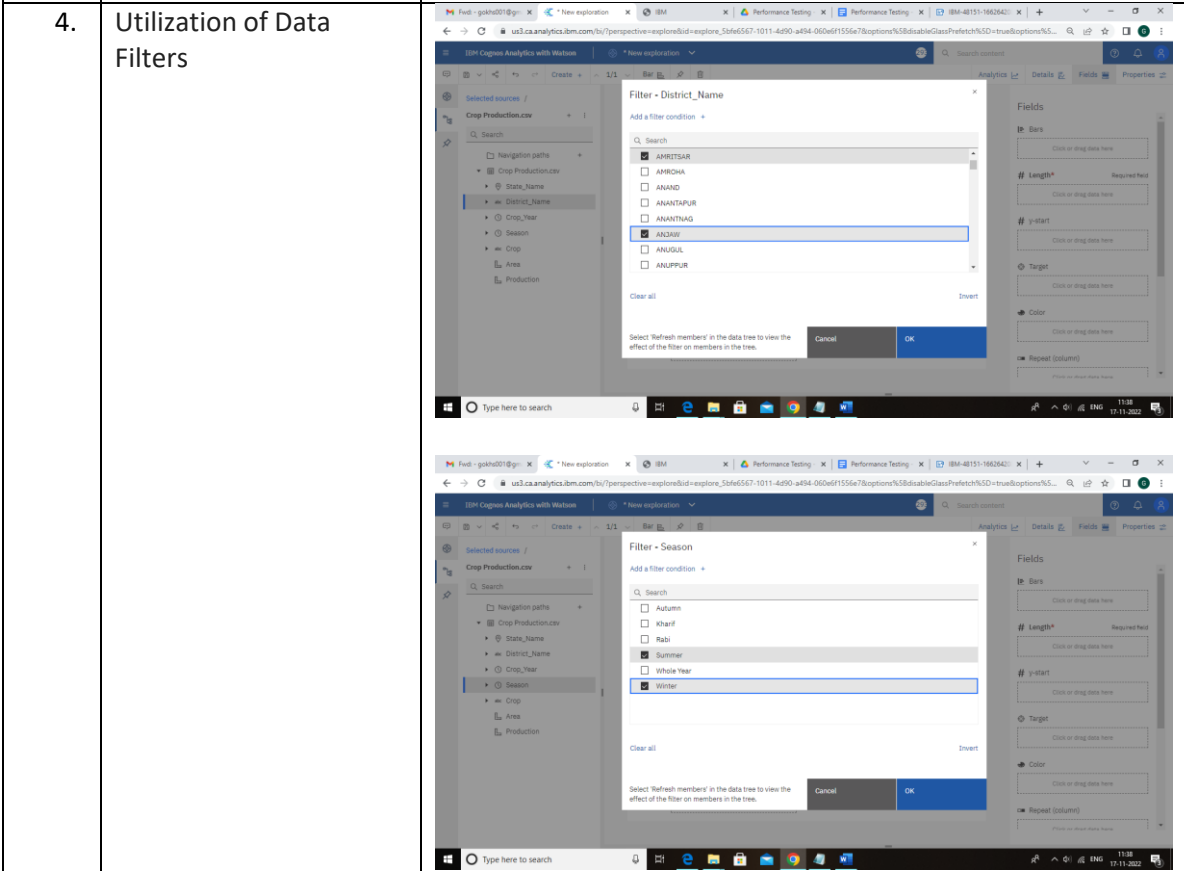
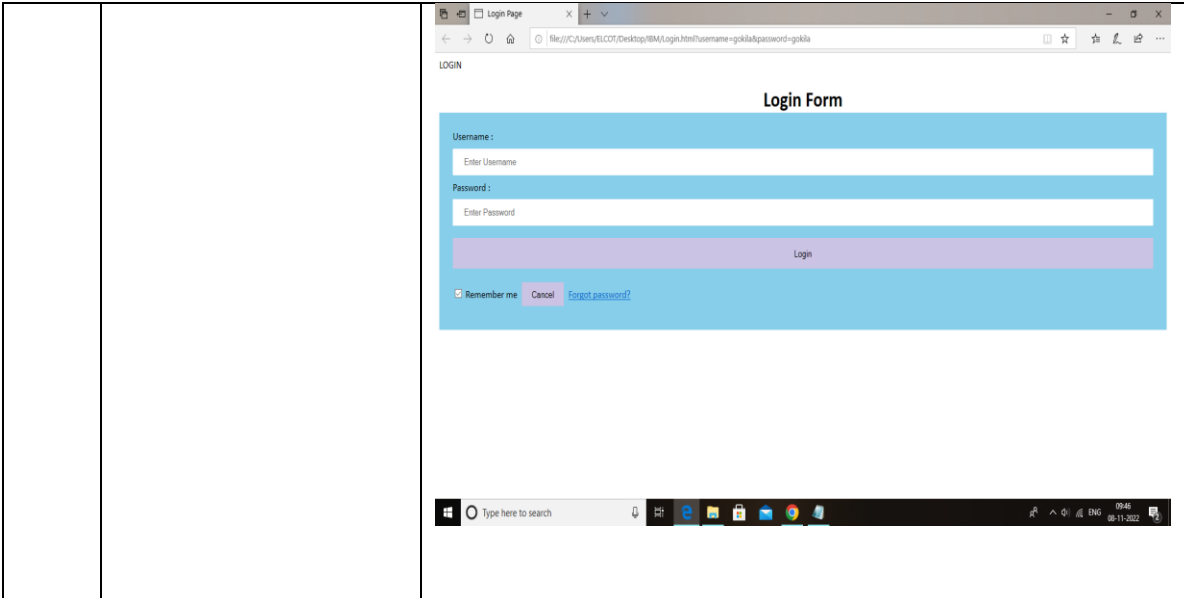
Project Development Phase Model Performance Test

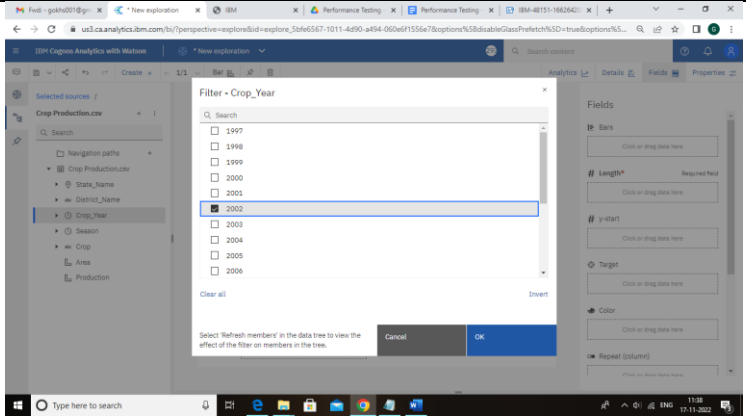
Date	10 November 2022
Team ID	PNT2022TMID50307
Project Name	Estimate the Crop Yield using Data Analytics
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<p>No of Visualizations / Graphs – 10</p> <p>The dashboard displays four visualizations related to crop data analysis:</p> <ul style="list-style-type: none"> Area by Season: A scatter plot showing Area (Cm²) on the x-axis (ranging from 0 to 1,400,000,000) and Seasons on the y-axis (Autumn, Winter, Spring, Summer). Data points are plotted for each season. Crop and Season colored by Season: A circular heatmap visualization where colors represent different seasons, with a legend indicating Autumn (blue), Winter (green), Spring (red), and Summer (yellow). Area and Production by Season: A dual-axis chart. The x-axis shows Seasons (Autumn, Winter, Spring, Summer, Whole Year). The left y-axis represents Production (Mm³) from 0 to 1,400,000,000. The right y-axis represents Area (Cm²) from 0 to 1,400,000,000. Production is shown as blue bars, and Area is shown as a red line. Production by Crop, Year: A bar chart showing Production (Mm³) on the y-axis (0 to 14,000,000,000) against Crop_Year on the x-axis (from 2017 to 2025). The bars are blue.



		
5.	Effective User Story	No of Scene Added - 5
6.	Descriptive Reports	<p>No of Visualizations / Graphs – 5</p> 