

Babu Banarasi Das University



Case Study

On

Interactive Data Story on COVID-19 Using IBM Cognos Analytics.

SUBMITTED TO:

Mr. : Robin Tyagi

SUBMITTED BY:

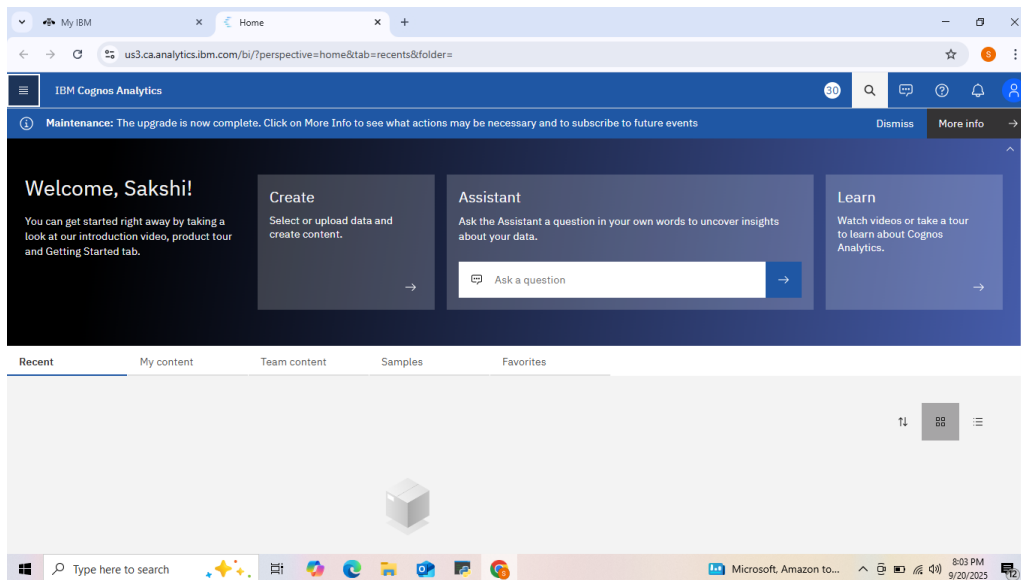
SAKSHI GUPTA

Agenda/Definition: The main objective of this project is to create an interactive data story in IBM Cognos Analytics using the COVID-19 dataset. The story visualizes confirmed cases, recoveries, deaths, and vaccination

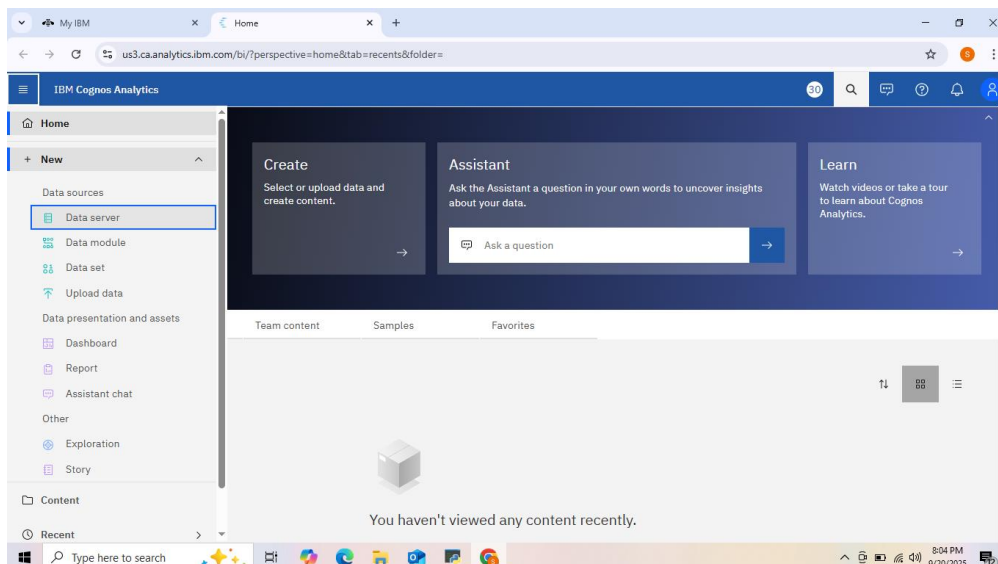
trends to show the overall pandemic impact. Outcomes/Learning: Through this project, I learned how to use IBM Cognos Analytics to create interactive data stories and visualize large datasets effectively. Required Tool: IBM Cognos Analytics

Working: The COVID-19 dataset was uploaded, analyzed, and visualized using various charts and graphs. A data story with multiple scenes was created to show key insights

Step 1: Login to IBM Cognos Analytics

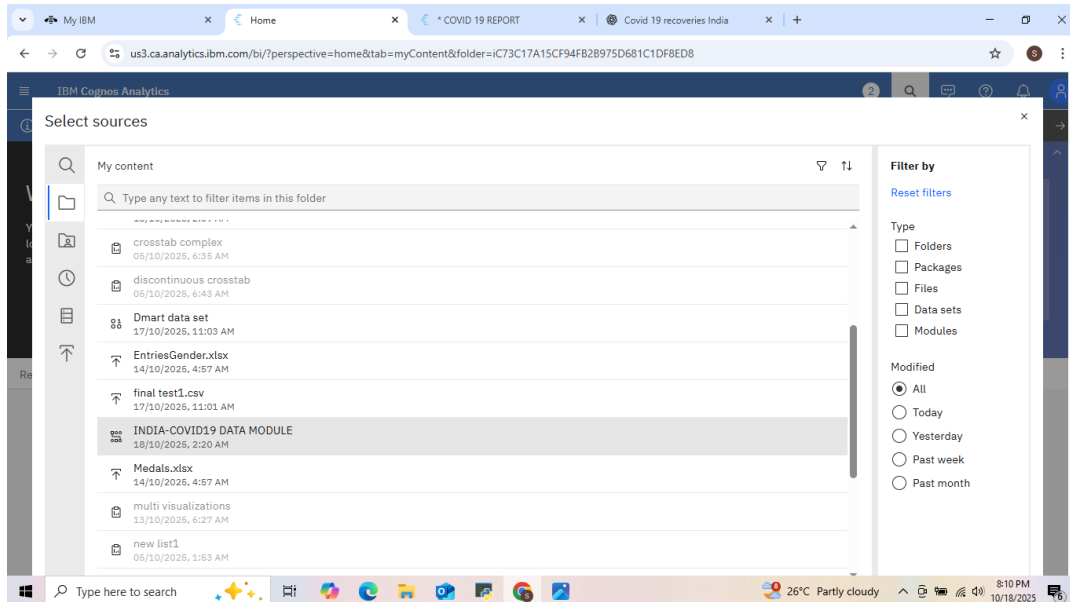


Step 2: Open the “New” Menu and Select Data Source



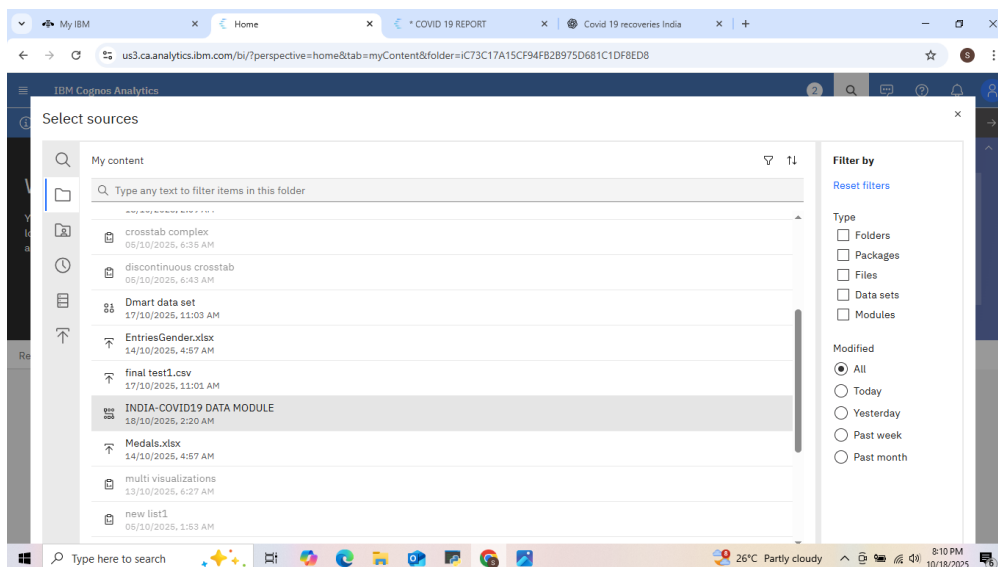
Step 3: Upload the Dataset into IBM Cognos Analytics

Step 4: After uploading the Covid-19.csv file successfully, the next step is to convert this uploaded data into a Data Module.



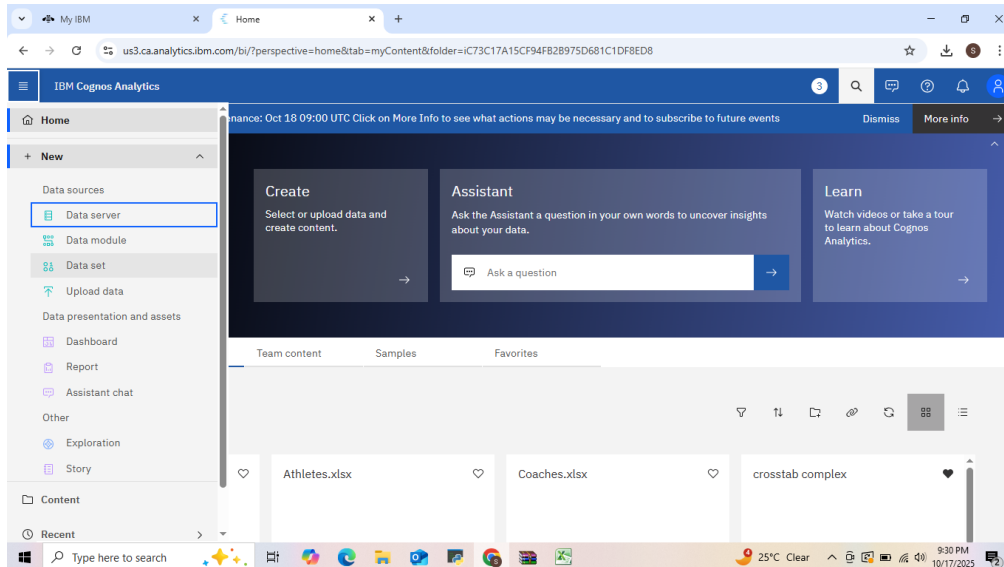
Step 5: After verification, we save the module using the Save As option and give it a proper name (for exp. INDIACOVID-19_data module).

Step 6: In this step, the uploaded dataset Covid_Dataset.csv is converted and saved as a Final India Covid19_Data_Module.

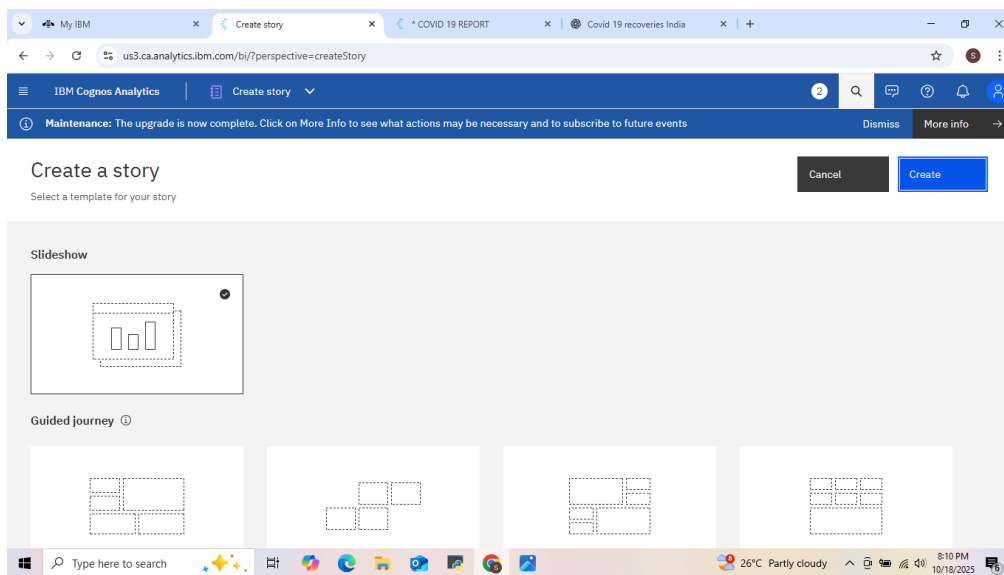


Step 7: After preparing and saving the Final India Covid_19Data Module, the next step is saved data module in my content .

Step 8: After preparing and saving the Final India Covid19 Data Module, the next step is to create a new Story From the New menu on the left side of the IBM Cognos Analytics home screen

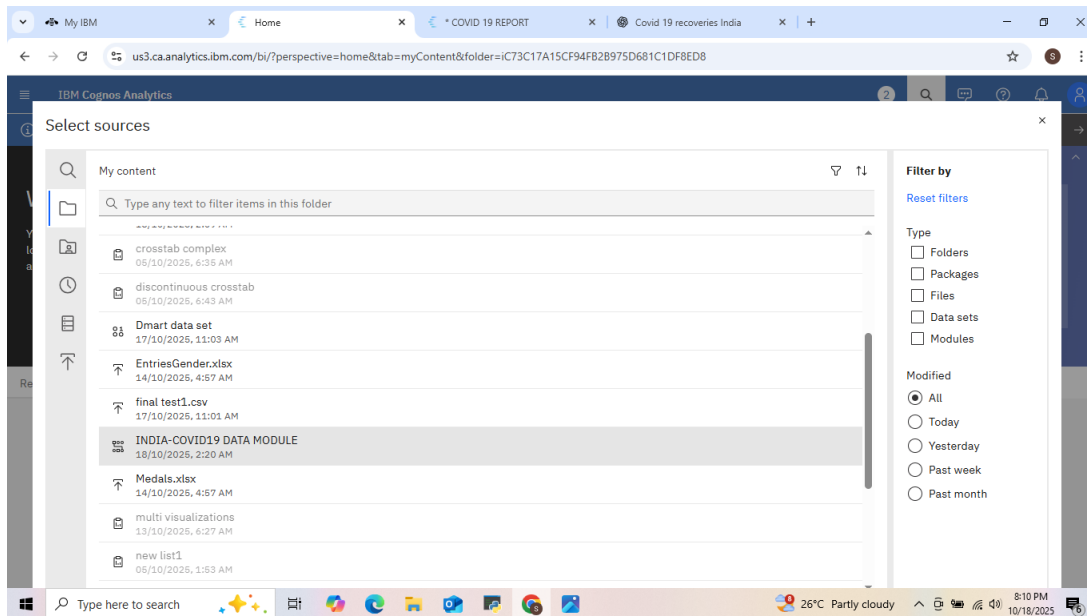


Step9: A new window appears titled “Create a story”, which allows you to choose a suitable layout template for your Story.

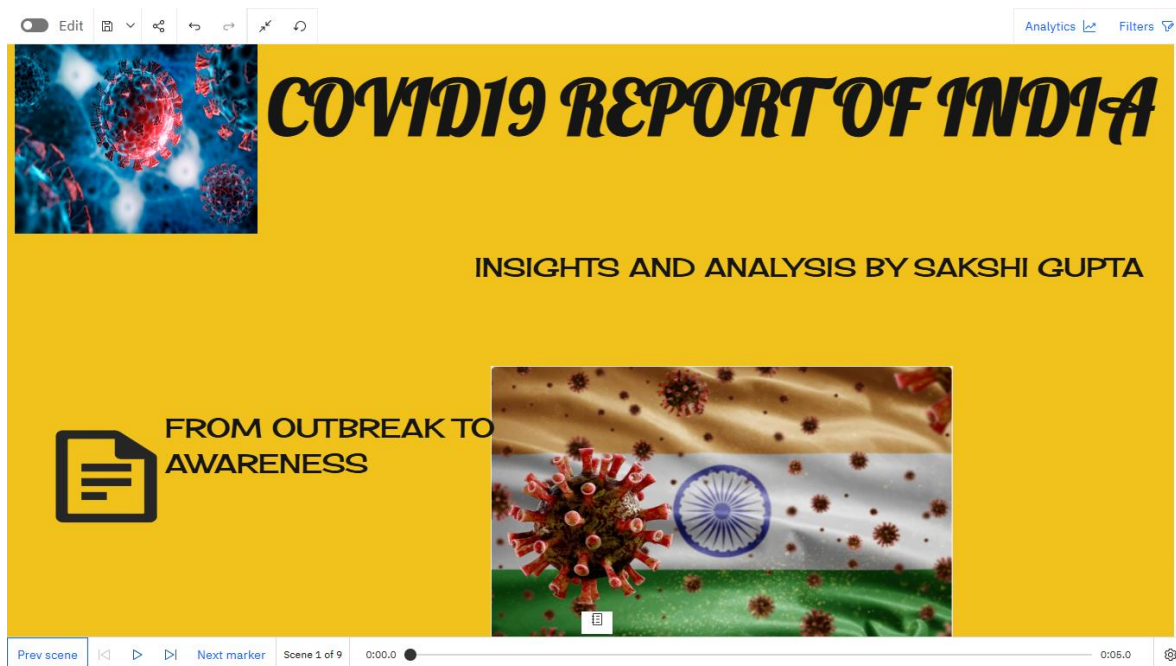


Step 10: After creating the story layout, the story workspace opens in IBM Cognos Analytics. The workspace includes different sections such as Tabs, Analytics, Filters, Fields, and Properties to manage and design the dashboard. On the left side, a panel appears with the option “Select a source” to connect data to the Story. Click on the Select a source button and choose the Final Covid_Data_Module as the main data source.

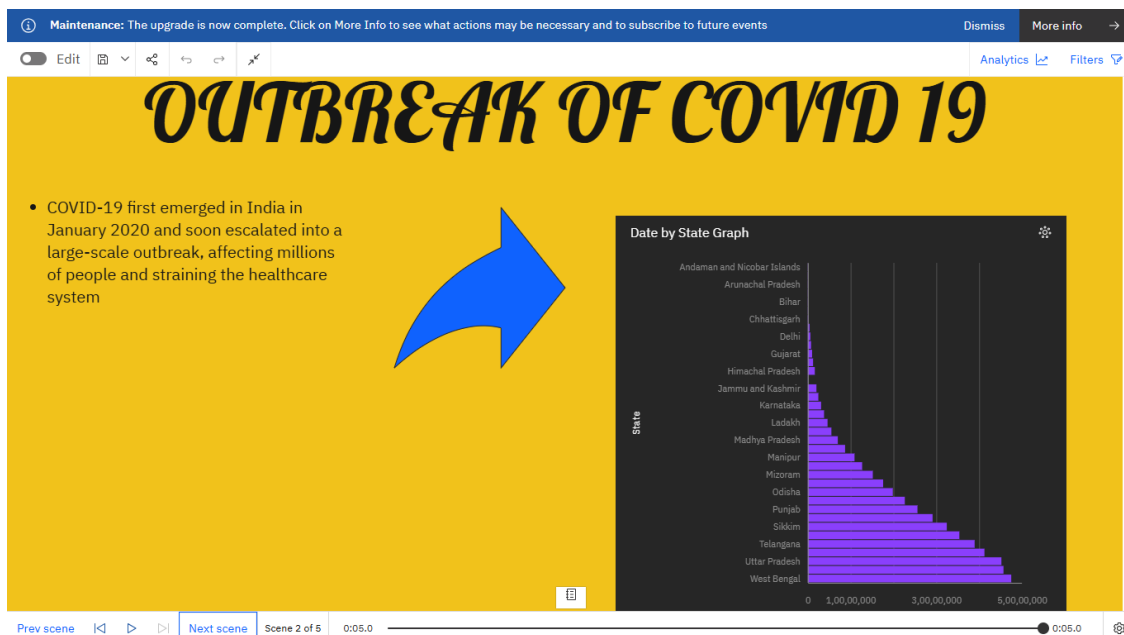
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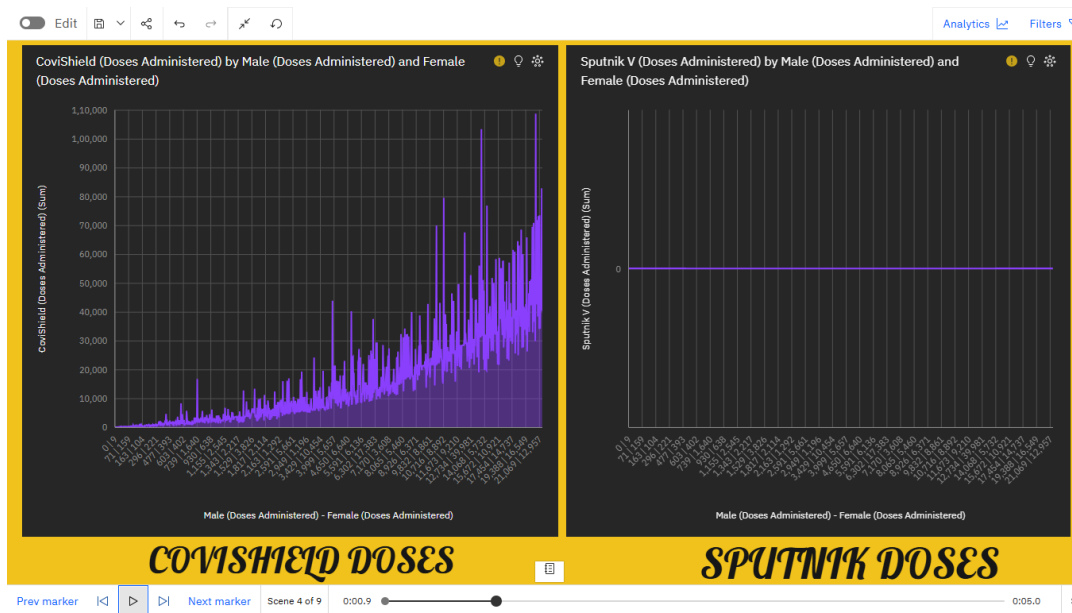
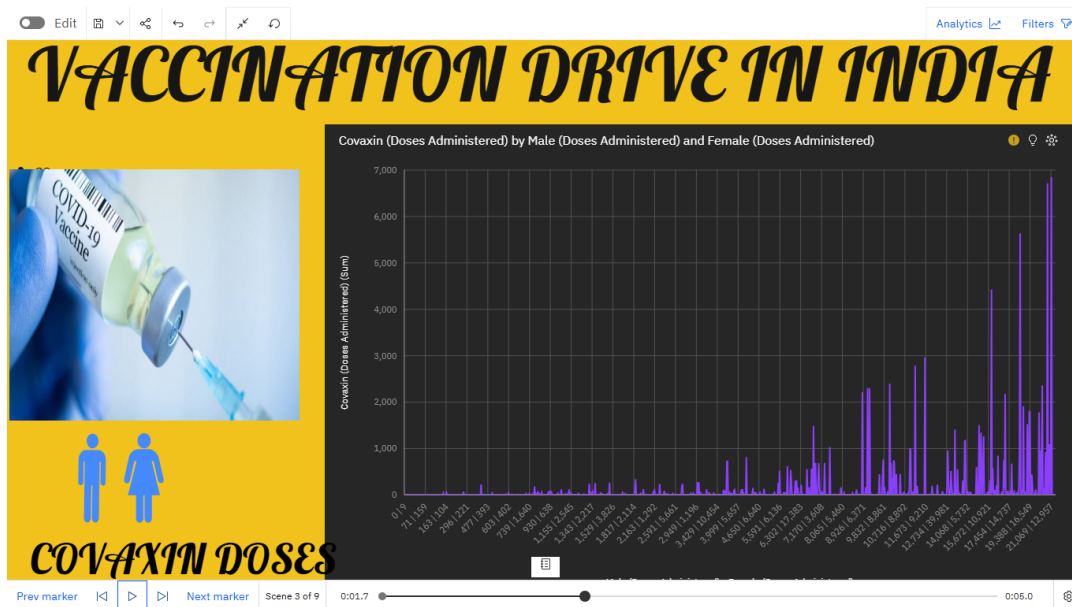
Step12: In this step, I created the opening scene of my data story in IBM Cognos Analytics titled “COVID-19 REPORT OF INDIA.” This scene introduces the project and gives a visual overview of the topic.



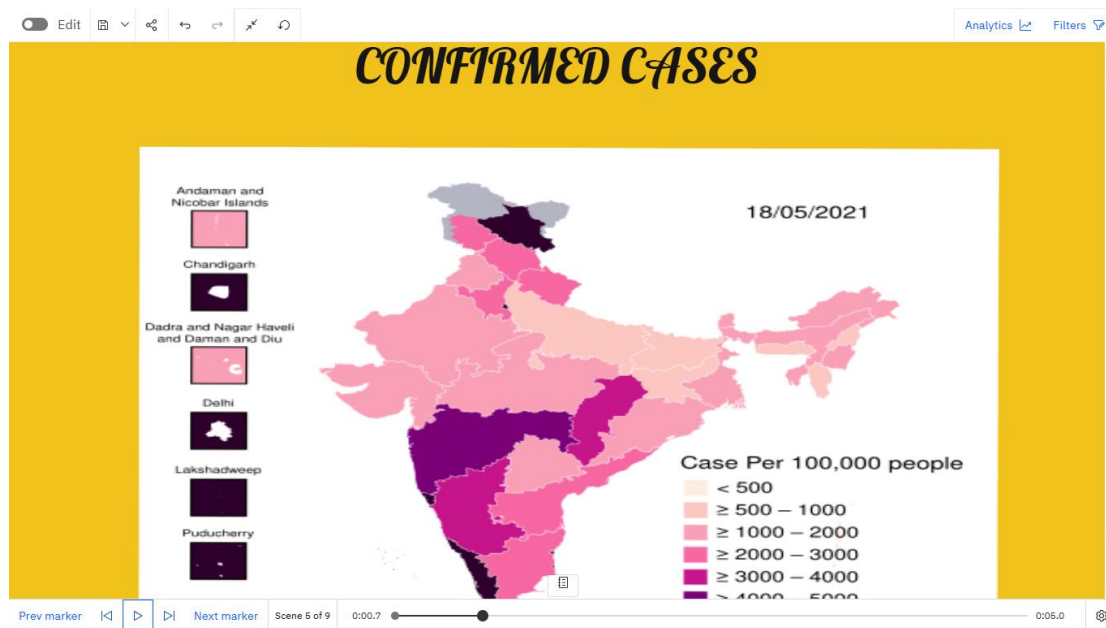
Step13: Adding the next page of my report that explains outbreak of covid 19 in india.



Step14: The next slide explain the vaccination drive in india 3 types of vaccine were used in india COVAXIN,COVISHIELD,SPUTNIK.



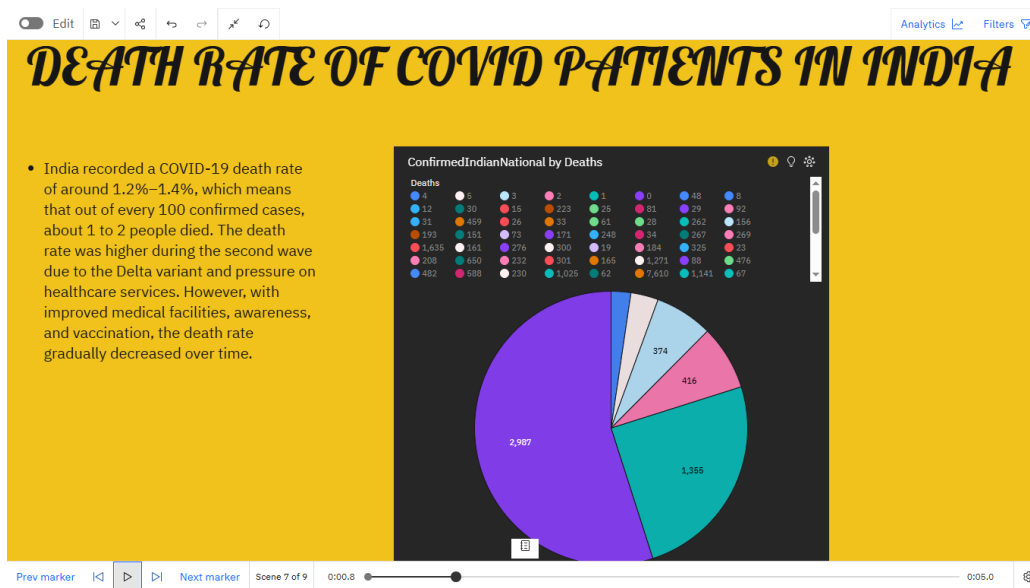
Step15: The next slide shows the confirmed cases of covid in overall parts of india.



Step16: The next slide in my story explains the total recoveries. The number of people who were cured by taking the vaccine.



Step17: The next slide shows and explain the death rate in india due to covid19.



Step18: The next slide gives the conclusion of the whole report.



Step19: The next slide is to review the report made by me.

