

Project Development Phase
Sprint – 3

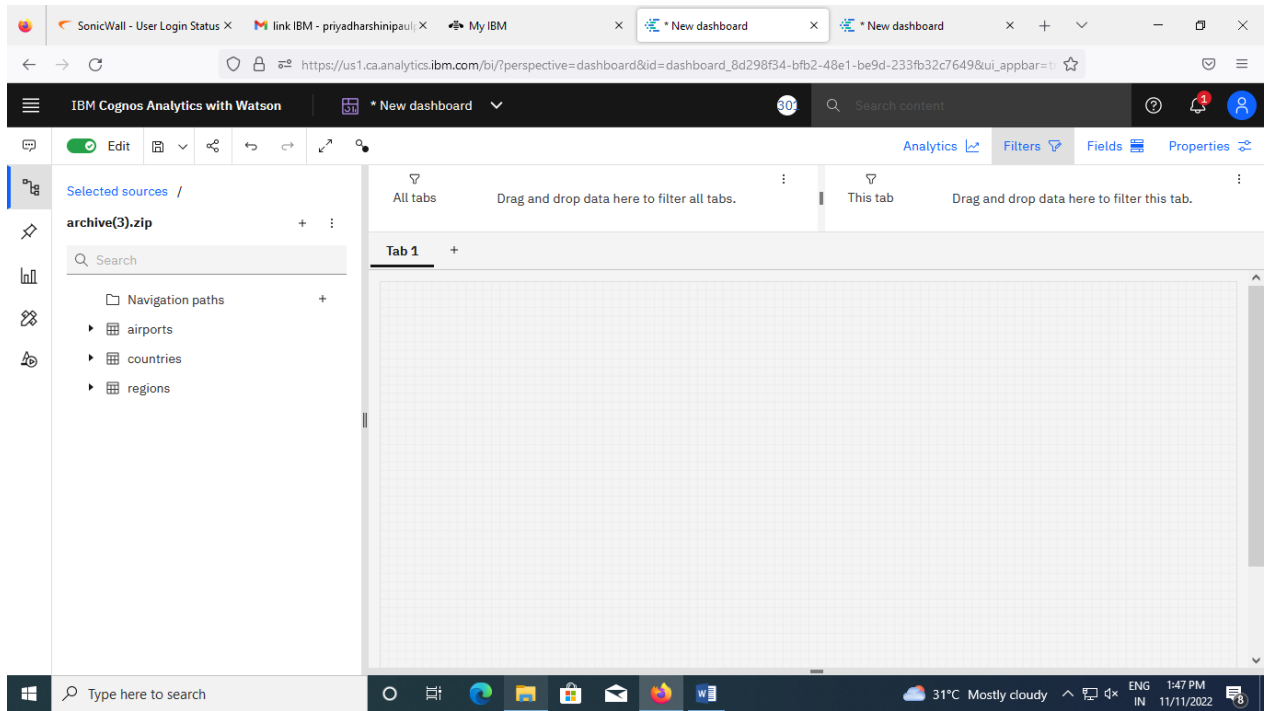
Date	12 November 2022
Team ID	PNT2022TMID13602
Project Name	Project - Airlines Data Analytics for Aviation Industry

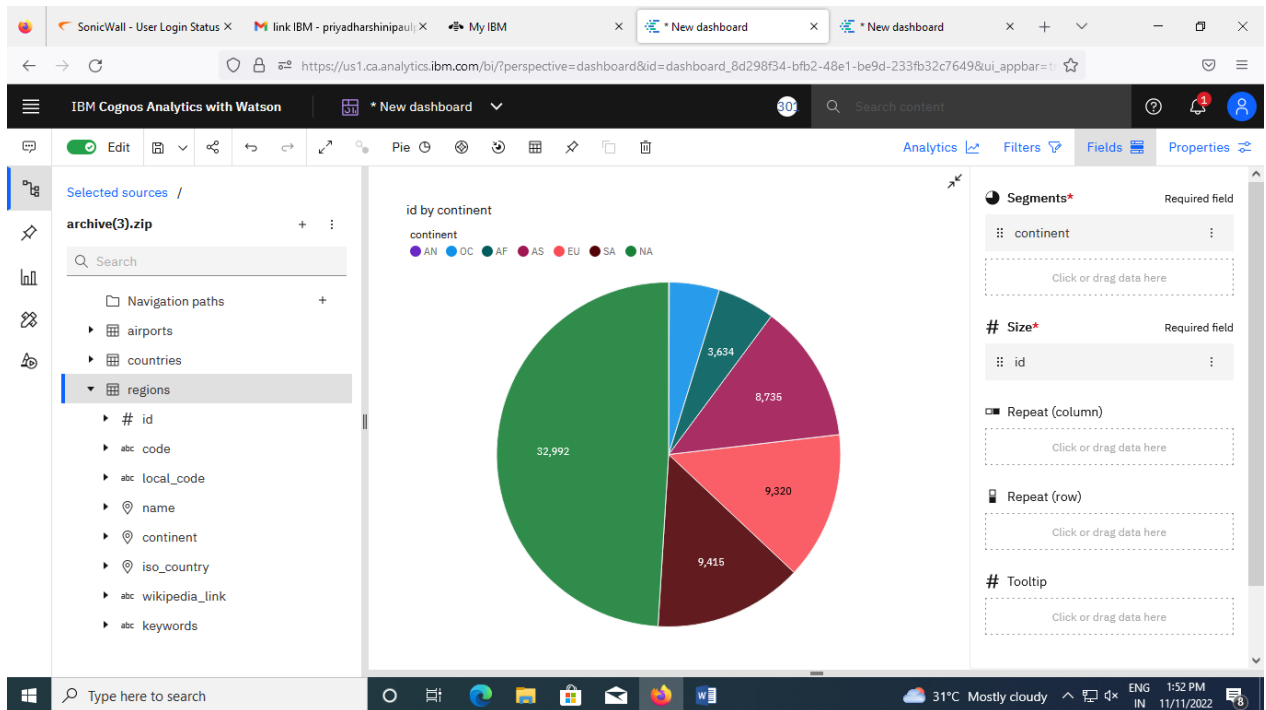
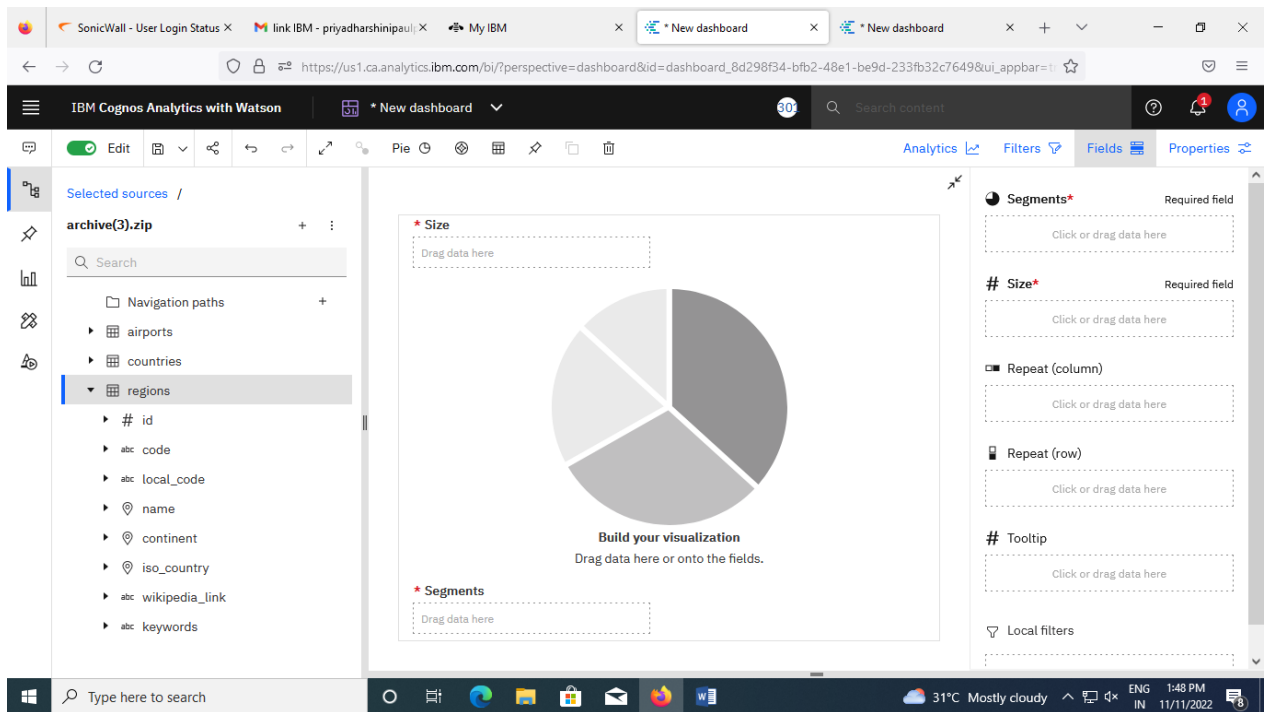
DATA VISUALIZATION CHARTS:

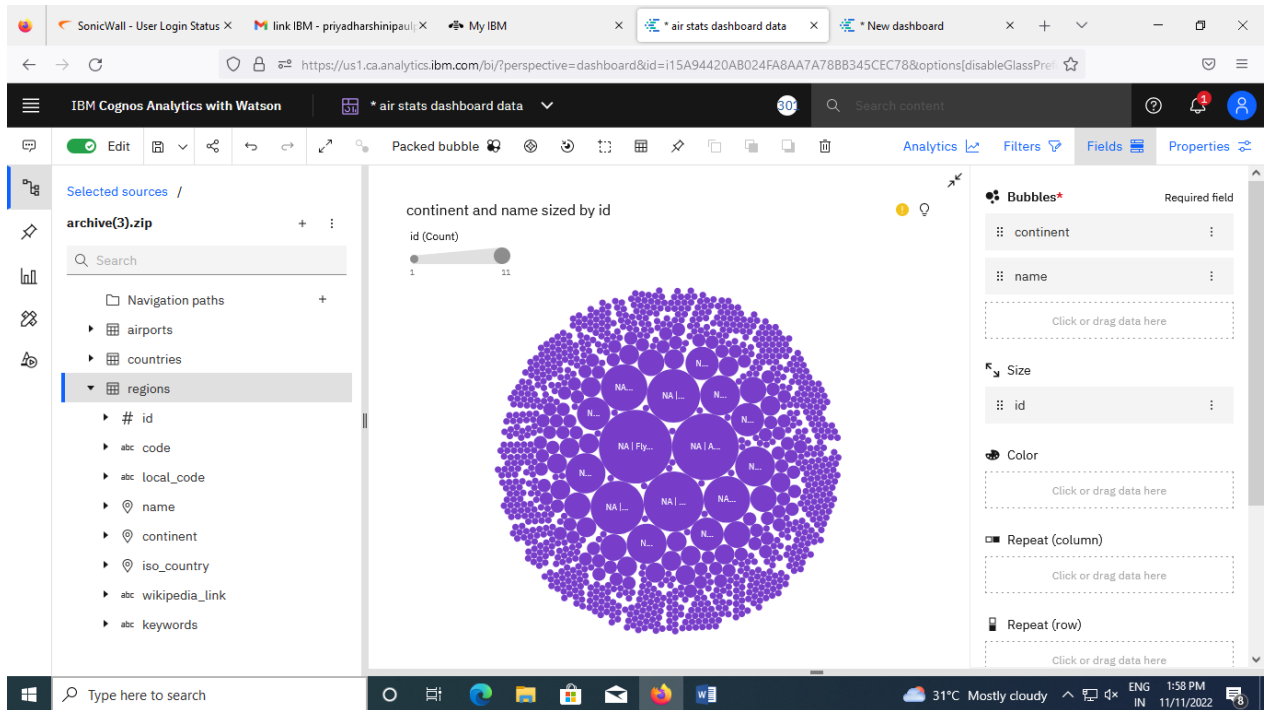
Using the given dataset, we plan to create various graphs and charts to highlight the insights and visualizations.

01. Pie Chart - Continent-wise No. of Flights
02. Packed Bubble Chart - Continent wise No. of Flights by Type - Colored with Type
03. Continent List - Filter
04. Top 10 Countries by Flights
05. Countries - Summary Card
06. Regions - Summary Card
07. Airports - Summary Card
08. Municipalities - Summary Card
09. Column Chart - Continent-wise No of Flights
10. Waterfall-Chart - Continent-wise No of Flights
11. Geo-Map - Continent-wise No. of flights
12. Geo-Map - Country-wise No. of flights
13. Continent Filter
14. Flight-Type filter
15. Column-Chart - No of Airports by Type
16. Hierarchy Bubble Chart - Region-wise Different Types of Airports
17. Packed bubble Chart - Municipality-wise No. of Airports
18. Bar Chart - Continent-wise No of Airports

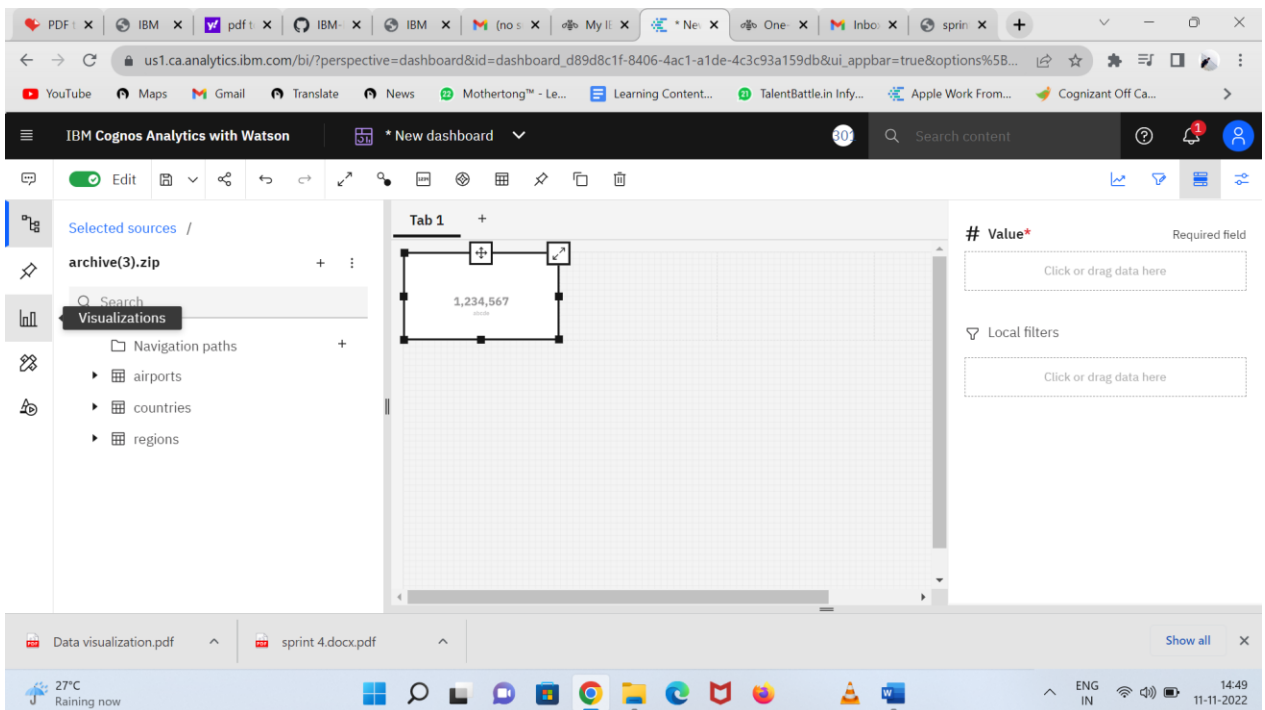
1. Representation of flight count by categories

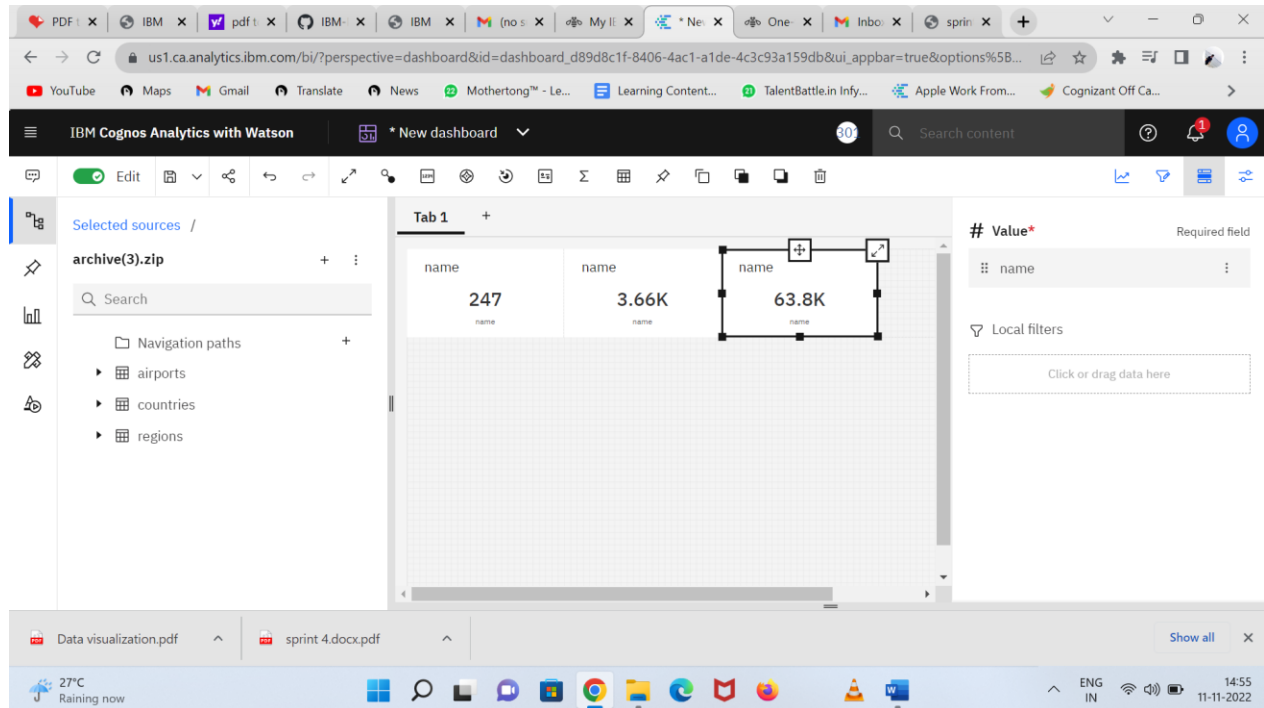




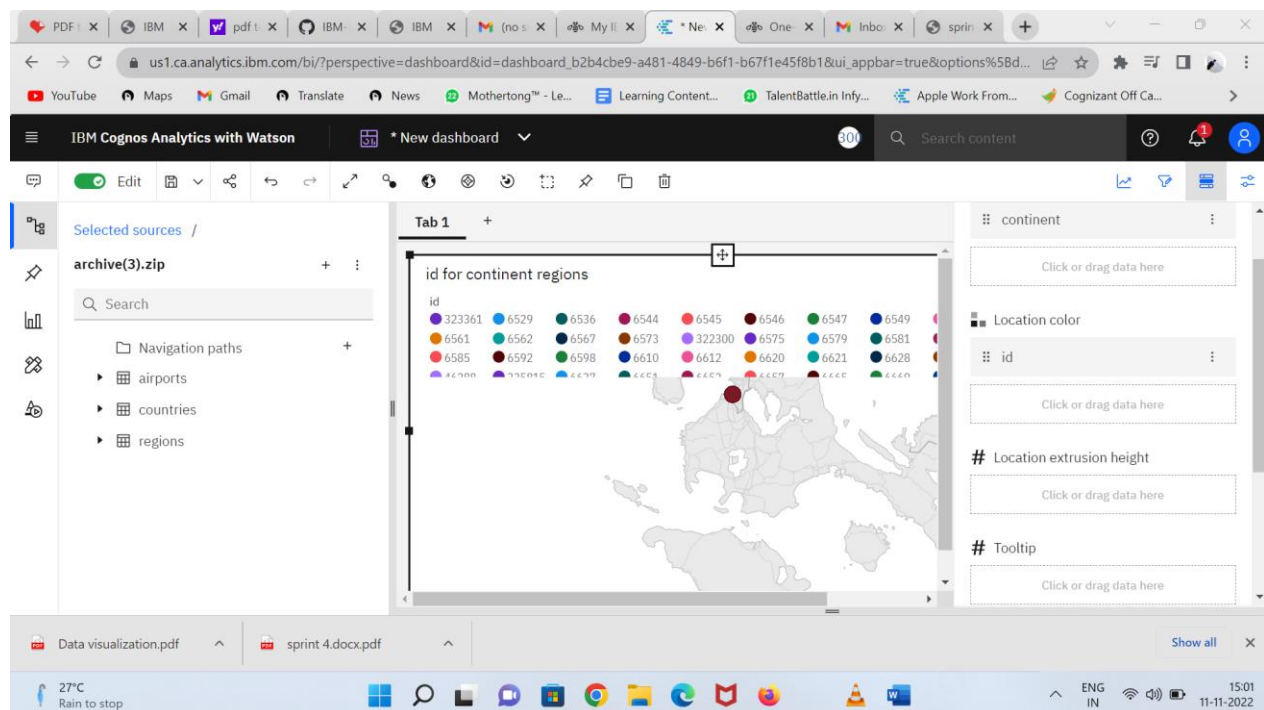


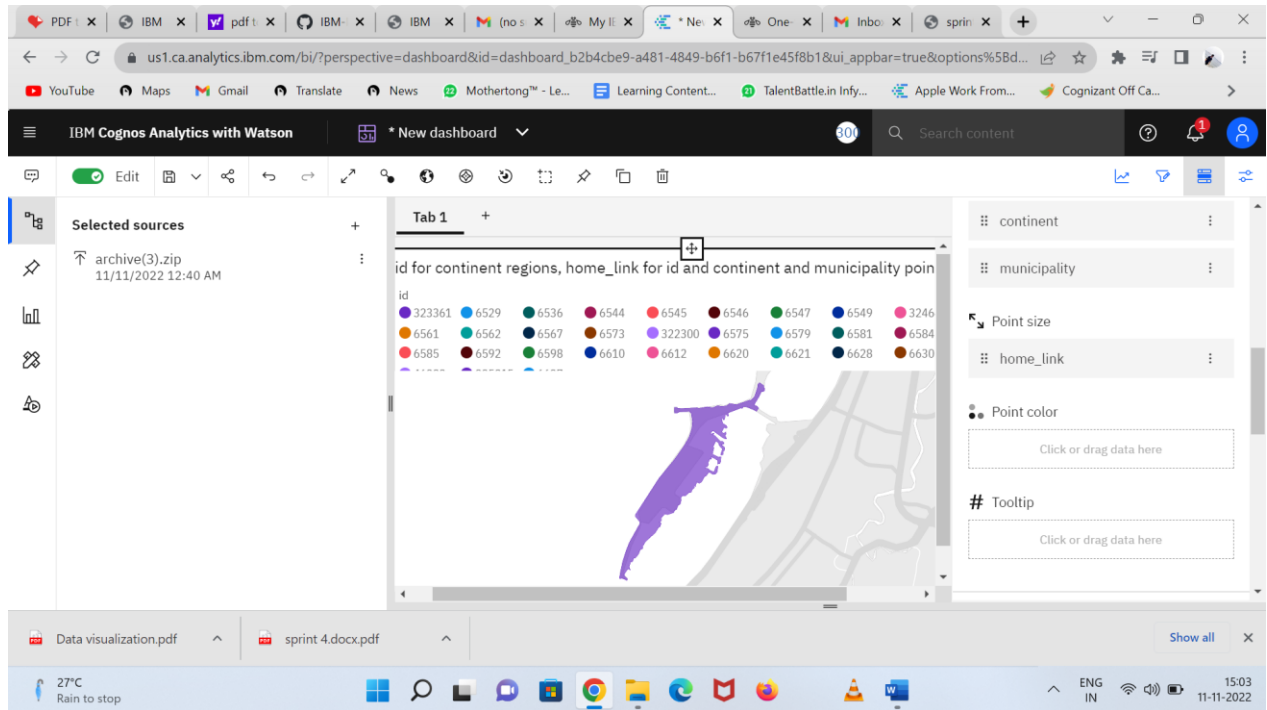
2. No of flights by countries, regions and airports:



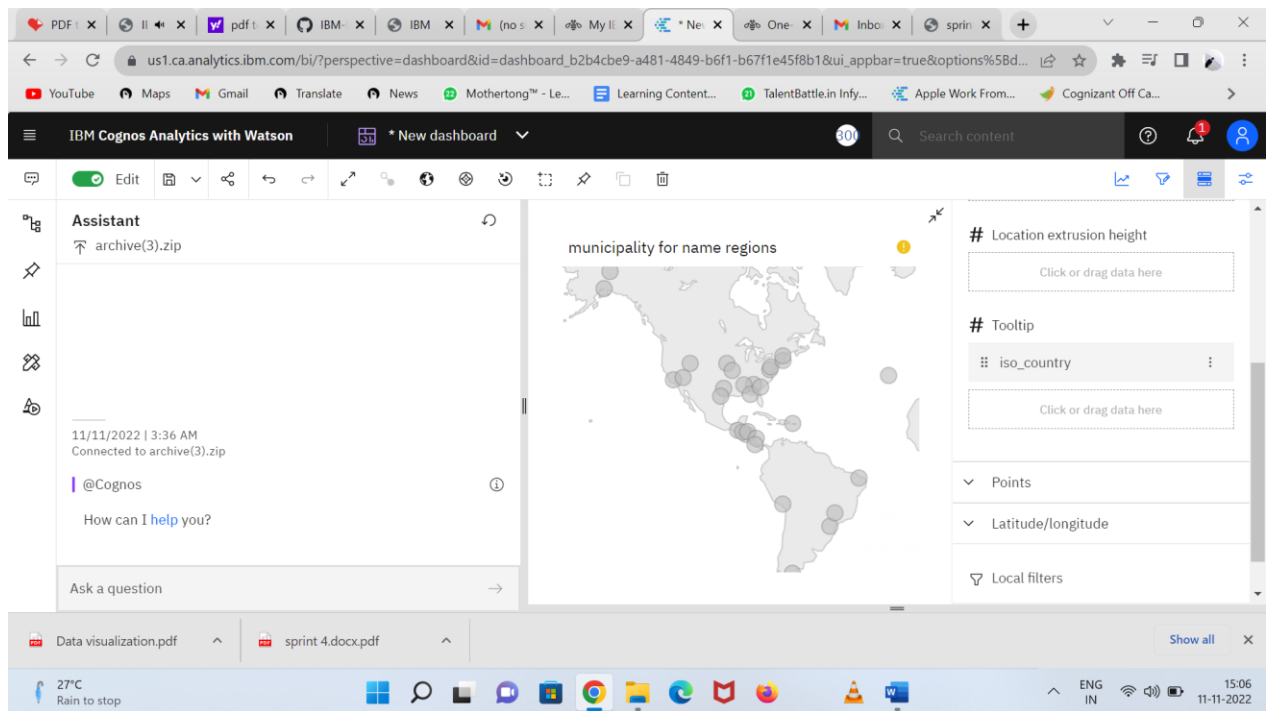


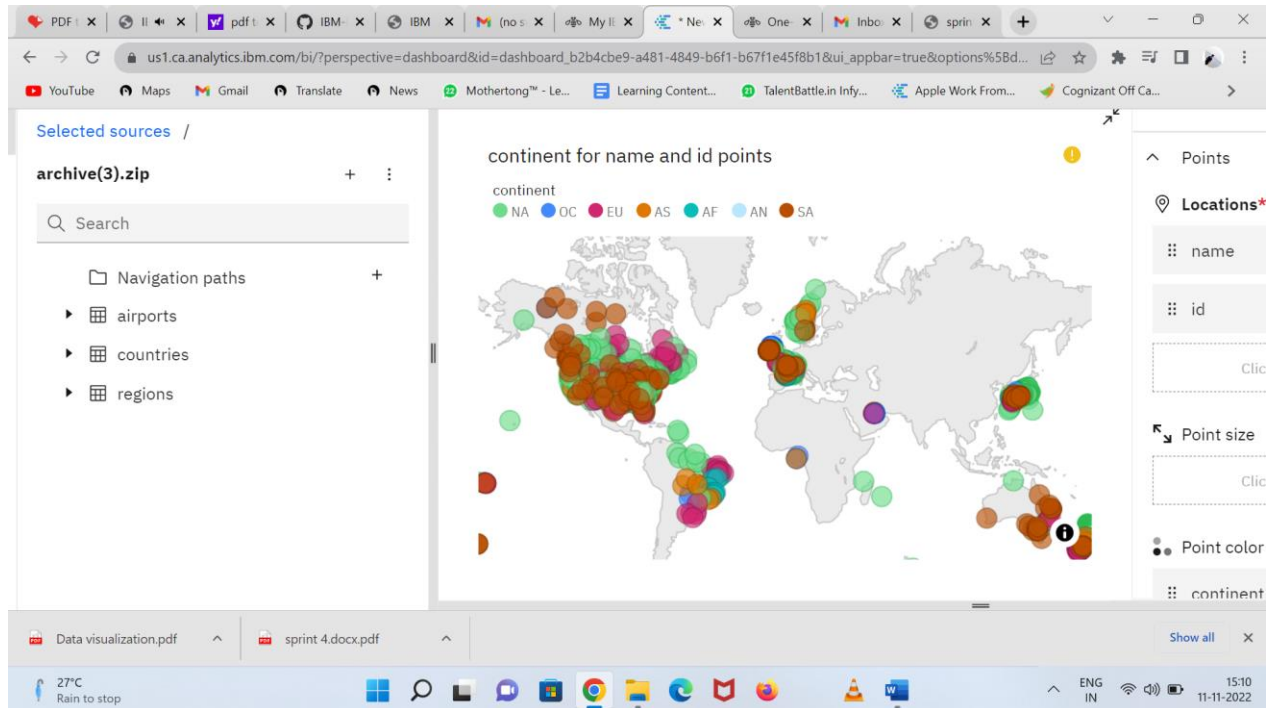
3. Continent wise Count of Airports using Geo Map



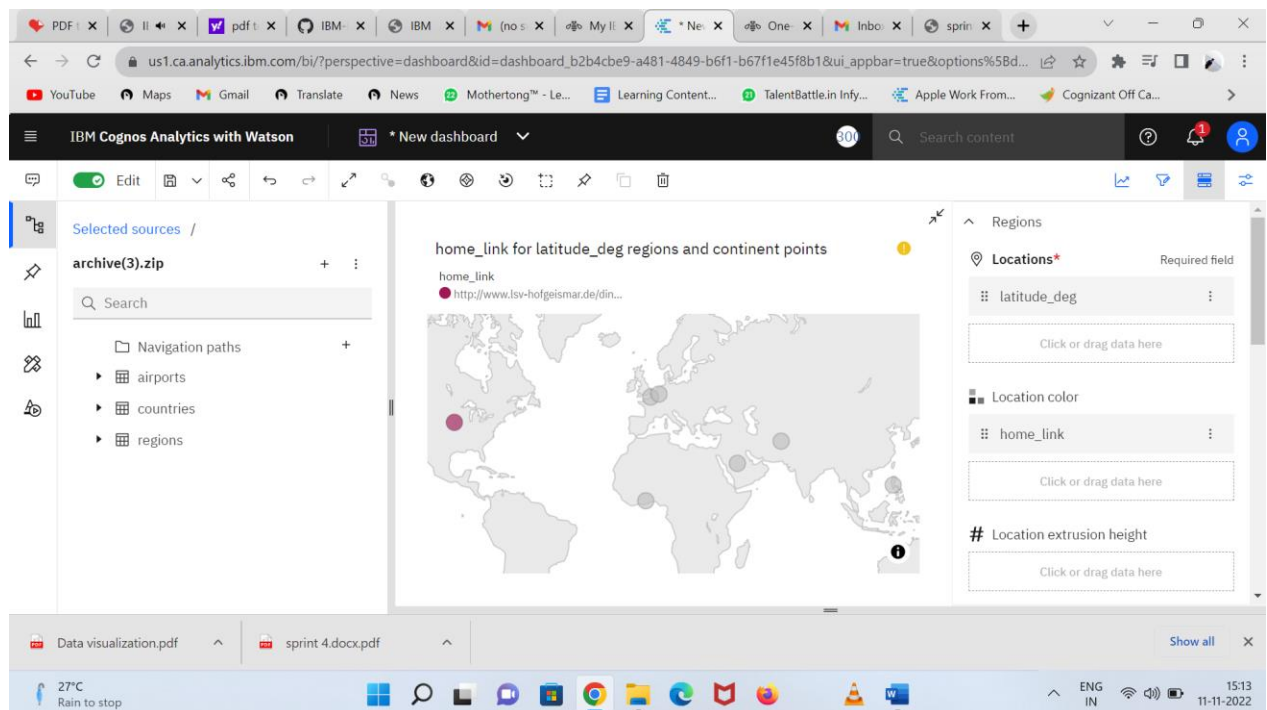


4.country wise airport with types





5. Dashboard Showing count of Flights by Types, Countries and Continents



The screenshot displays the IBM Cognos Analytics web application. The top navigation bar includes the IBM logo and the text "IBM Cognos Analytics with Watson". Below this, a search bar and a "New dashboard" button are visible. The main content area is divided into two panes. The left pane, titled "Selected sources", contains a file explorer showing a folder named "archive(3).zip" with sub-items "airports", "countries", and "regions". The right pane, titled "Tab 1", shows a map visualization of the world with several regions highlighted. The map is labeled "home_link for latitude_deg regions and continent points". To the right of the map, there is a text input field labeled "continent, id and type by type by name". The bottom of the interface shows a taskbar with various application icons and a system tray with the date and time.