

Entertainer Data Analysis

Architecture

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1. Introduction

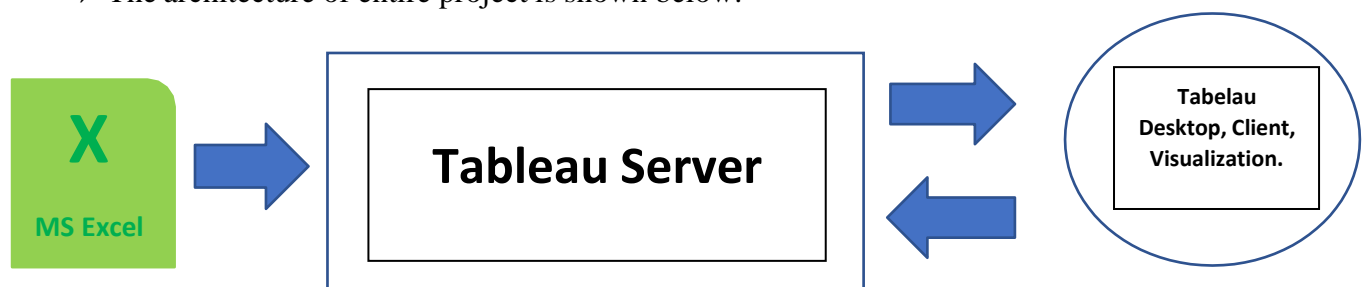
- Entertainer Data Analysis is a project about to analyse data of entertainers. Theme can be any of the choice. Data is divided into three form **Basic Info**, **Breakthrough Info** and **Final Info**.
- User can add additional data according to their choice and make meaningful data.

2. Scope

- User can make an informative, beautiful and attractive dashboard showing charts and also can make a web app using machine learning based on the additional data they added.

3. Architecture

- The architecture of entire project is shown below:



- Our entire data source is our excel file. This excel file is connected to the tableau server. From the server, data can be shown and accessed.
- Tableau server has various architectural components regarding to solve the query.
- The functionalities show the result according to query entered by the end user or client.
- Screen of Tableau desktop, client and various charts and dashboard (screen) of Tableau are present at client side.
- Client entered the query to show the graph, after selecting the data in form of rows and columns it will go inside the tableau server. In tableau server, it understands the query and generates the best recommended charts based on selected data and return it into the tableau screen.
- Based on recommended charts, client can make the visual aspect of the same.
- If client is not satisfied with the result, he/she has to select data accordingly otherwise make required changes to show the expected result.

4. Deployment

- There are multiple ways to deploy the dashboard in tableau. The simplest way is to save directly on tableau server from online mode. One can easily save the work from the desktop and then it will open in browser, then user has to sign in and the work will be saved.
- This work can see all the viewers around the world. You can share it via a sharable link.
- Thus, user can deploy a dashboard using tableau.