

Connect using SQL Queries

Using SQL queries we can connect to you can connect to a specific query rather than the entire data set



New Custom SQL

Edit Custom SQL



```
select emp.eid, NAME, CITY, DOJ, DOB, DEPT , DESI, SALARY  
FROM EMP  
INNER JOIN EMP_SAL  
ON EMP.EID=EMP_SAL.EID
```

Preview Results...

Insert Parameter ▼

OK

Cancel



Parameterized SQL Queries

In addition to simple Queries we can make a dynamic query using parameters

The screenshot shows the Tableau Desktop interface with a custom SQL query being edited. The query is: `select emp.eid, NAME, CITY, DOJ, DOB, DEPT , DESI, SALARY FROM EMP INNER JOIN EMP_SAL ON EMP.EID=EMP_SAL.EID`. A 'Create Parameter' dialog box is open, showing the parameter name 'Parameter 1', data type 'Float', current value '1', and other settings. The background shows a table of employee data.

Tableau - Book3

File Data Server Window Help

Connections Add

DESKTOP-GI...SQLEXPRESS
Microsoft SQL Server

Database

TEST

Table

- EMP_DETAILS
- EMP_PAY
- Emp_Sal
- EMP_SAL_DEL
- EMPCITY
- EMPDE
- EMPDEL
- EMPDETAILS
- New Custom SQL
- New Union

Stored Procedures

- AD_EMP
- ADD_EMP
- ADD_EMP_SAL
- ADD_SAL

Custom SQL Query (TEST)

Connection: Live Extract

Filters: 0 Add

Sort fields Data source

Custom SQL Query

eid NAME CITY

eid	NAME	CITY
1005	Manoj Kumar	DELHI
1007	Kapil Sharma	Gurgaon
1011	AMIT KAPOOR	DELHI
1012	MONIKA ARORA	DELHI
1019	RAJAT KAPOOR	DELHI
1020	Rohan Kumar	DELHI
1035	MANOJ TIWARI	GURGAON
1037	MIKE	DELHI
1050	AMAN MUDGAL	DELHI

Create Parameter

Name: Parameter 1 Comment >>

Properties

Data type: Float

Current value: 1

Value when workbook opens: Current value

Display format: Automatic

Allowable values: ☒ All ☐ List ☐ Range

OK Cancel

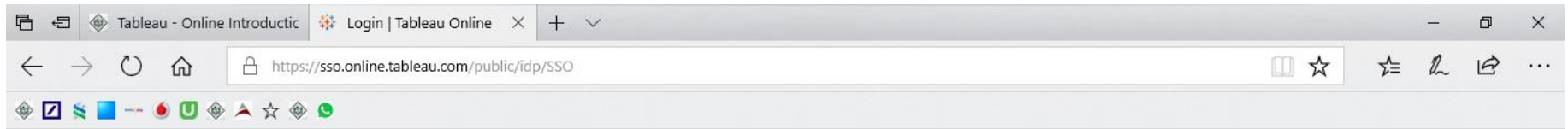
Preview Results... Insert Parameter

OK Cancel



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Projects , Workbooks, Views, Data Sources

Users, Groups, Status, Settings



Tableau Online

Tableau online is a platform to share our report / analysis with different people.

User Site Roles :

- Site Administrator Creator – Full Control
- Creator - Full Control Can not change permissions
- Site Administrator Explorer – Cant connect to external data
- Explorer (can publish) Can publish however, can not connect to external data and create new data sources
- Explorer – cant save the work
- Viewer – read only access can download
- Unlicensed – not allowed to publish any thing



Publishing

Publishing the projects on to Tableau online. What we have created on Tableau desktop we need to publish it on Tableau Online.

Tableau - > Server -> SignIn

After login to tableau Online click on publish Workbook.



Publishing

In the popup box provide the below information:

- Project : Name of the Project in Tableau Online in which the workbook needs to be published.
- Name : Name of the Work Book to be displayed in Online
- Description : Short description about the project.
- Sheets: Specify the sheets to be published.
- Tags: Specify the key words that can be used to search the respective workbook
- Permissions : Set the permissions for the workbook.
- Data Source s: Specify how to publish the dashboard as a part of workbook / separately.
- Show Sheets as tabs – Display sheets tabs on Tableau Online
- Show Selections – Only selected sheet will be displayed

Publish Workbook to Tableau Online

Project

Demo

Name

SuperStore|

Description

This is my first project for Super Store Sales summary

Tags

profit

region

sales

5 Tags

Sheets

All Edit

Permissions

Set to existing workbook default Edit

Data Sources

1 embedded in workbook Edit

More Options

☐ Show sheets as tabs

☒ Show selections

Publish

