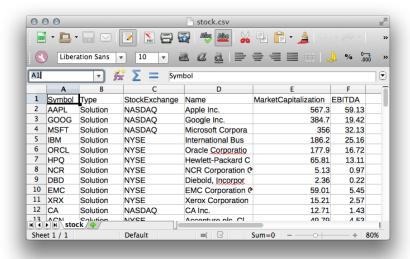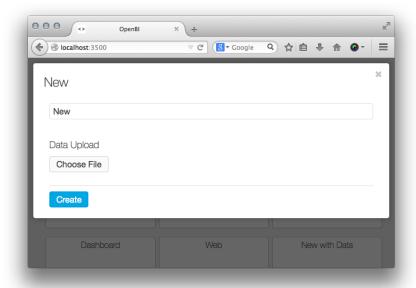How to use OpenBI

1. You can start from your spread sheet, save as a CSV file.
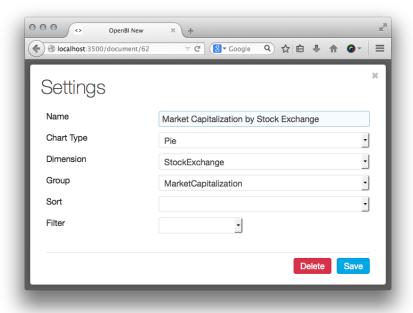

2. Create a new document and upload the CSV file.

3. Click ⊞ to add new charts, adjust the size and position, then click settings ⚙

Settings

Name	Market Capitalization by Stock Exchange
Chart Type	Pie
Dimension	StockExchange
Group	MarketCapitalization
Sort	
Filter	

Delete   Save

Settings

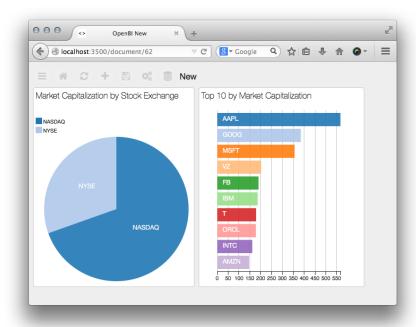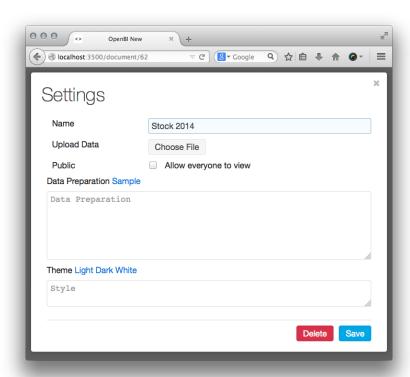|	
Name	Top 10 by Market Capitalization
Chart Type	Row
Dimension	Symbol
Group	MarketCapitalization
Sort	None
Filter	Top 10

Delete   Save

4. Done

5. Click ⚙ to change the document settings, theme or upload new data.

6. Sample code for reading data from web service

Settings

Name

Realtime Data

☑ Allow everyone to view

Data

From URL

```
http://query.yahooapis.com/v1/public/yql?q=
select * from yahoo.finance.quotes where
  symbol in ('aapl goog msft ibm fb')
&format=json&diagnostics=false
&env=http://datatables.org/alltables.env
&callback=
```

Data Preparation Sample

```
data = data.query.results.quote;
data.forEach(function(d) {
  d.$Count = 1;
  d.$MarketCap = parseInt(d.MarketCapitalization);
  d.$PE = parseFloat(d.PERatio);
  d.$ChangeInPercent = parseFloat(d.ChangeinPercent);
});
```

Theme Light Dark White

```
{
  background: '#333',
```

Delete   Save