



# Azure Stream Analytics

## Visualizing Data in PowerBI

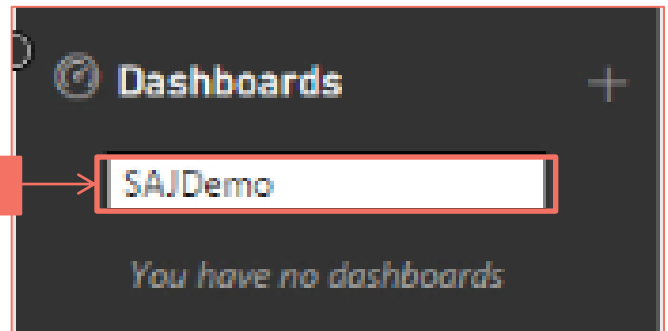
After running a job that has been configured to send data to PowerBI, a new dataset will be created in this system, which you can use to visualize real-time data in Tiles. However, you need to create a **PowerBI Dashboard** before you can do this.

Refer to the following tips as you work with your own visualizations in PowerBI.



**1.** Click the + icon next to **Dashboards**.

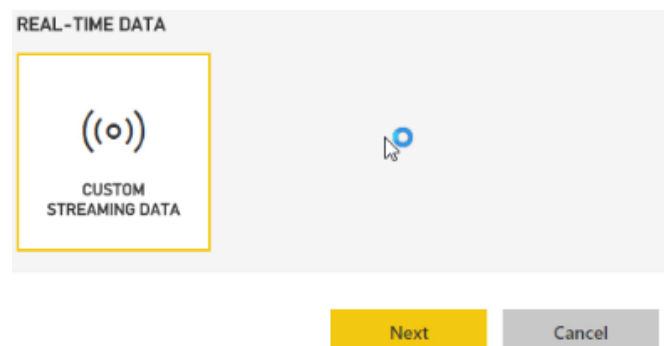
Give your **Dashboard** a Name



**2.** After the dashboard is available, click **Add Tile**.



**3.** In the Add Tile menu, select **Custom Streaming Data**. Then, click the **Next** button.





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4. Select a dataset and then click the **Next** button.

Add a custom streaming data tile  
Choose a streaming dataset

+ Add streaming dataset

**YOUR DATASETS**

DemoDS

Manage datasets

Back Next Cancel



5. Complete the required information.

Then, click the **Next** button.

Add a custom streaming data tile  
Choose a streaming dataset > Visualization design

Visualization Type  
Line chart

Axis  
EventProcessedUtcTime

+ Add value

Legend  
+ Add value

Manage datasets

Back Next Cancel

- > Visualization Type,
  - > Axis
  - > Legend
  - > Values
  - > Visualization Type,
- As defined by dataset





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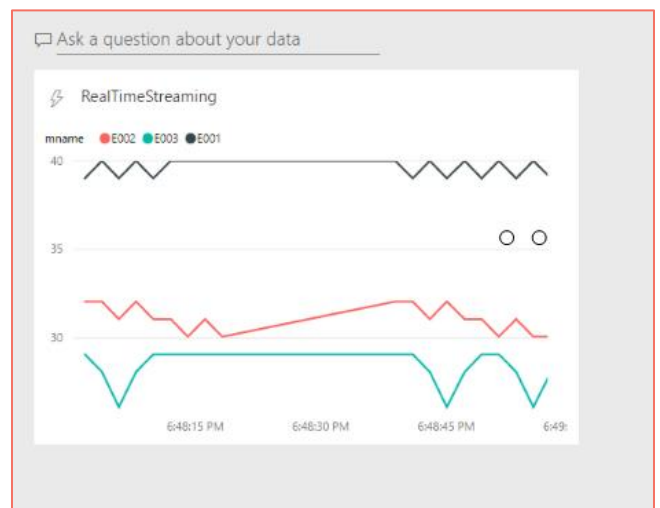
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**6.** Enter a **Display Title** and **Subtitle**.  
Then, click the **Apply** button.

The screenshot shows the configuration pane for a visualization. Under the 'Details' section, the checkbox 'Display title and subtitle' is checked. The 'Title' field contains the text 'Real Time Streaming Data'. The 'Subtitle' field is empty. Under the 'Functionality' section, the checkbox 'Set custom link' is unchecked. There are links for 'Restore default' and 'Technical Details'. At the bottom, there are three buttons: 'Back', 'Apply' (highlighted in yellow), and 'Cancel'.



**7.** Your selected visualization displays on the PowerBI Dashboard.





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### REMEMBER!

- Some visualization options may prove more useful to view different kinds of data. Experiment with them until you find the ones that work best for you.
- Depending on how you want to visualize data, you may need to update your ASA job queries to capture the data you want to visualize. However, you should always **Stop** the job before updating the queries.

