Setting up Azure Savings Power BI Dashboard

Saira Shaik

Table of Contents

Pre-Requisites

- Power BI developer application to open this Power BI Template.
- Basic understanding of how to open Power BI files, Save and Publish them.
- Azure account and you got access to the Billing section.
- Amortized file downloaded for the months you want to view the savings for. (For example, current month + last two months files to view three months data)

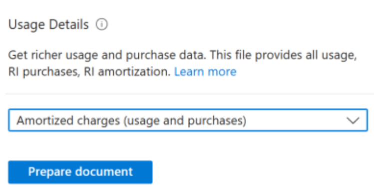
Download Amortized charges file.

If you're an EA admin, you can download the CSV file that contains amortized data from the Azure portal. This data isn't available from the EA portal (ea.azure.com). You must download the amortized file from the Azure portal (portal.azure.com).

1. In the Azure portal, navigate to Cost management + billing.
2. Select the billing account.
3. Select **Usage + charges** under the Billing section.

MONTH	CHARGES AGAINST CREDITS	SERVICE OVERAGE	BILLED SEPARATELY	AZURE MARKETPLACE	TOTAL CHARGES	DOWNLOAD
Apr 2019	0.00	378,065.28	0.00	524.20	378,589.48	↓
Mar 2019	1,000.00	1,618,121.87	0.00	17,879.74	1,637,001.61	↓

4. In **Download Usage + Charges**, under **Usage Details**, select **Amortized charges (usage and purchases)**.



Merging Amortized files into one single file

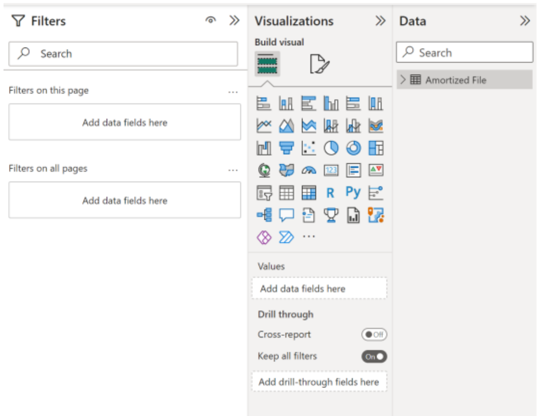
1. If there are multiple amortized files for multiple months, copy the downloaded amortized files for the months into a folder.
2. Goto command prompt in the windows and run the following command. This command will merge individual month's amortized files into AmortizedFile.csv.

   copy *.csv AmortizedFile.csv

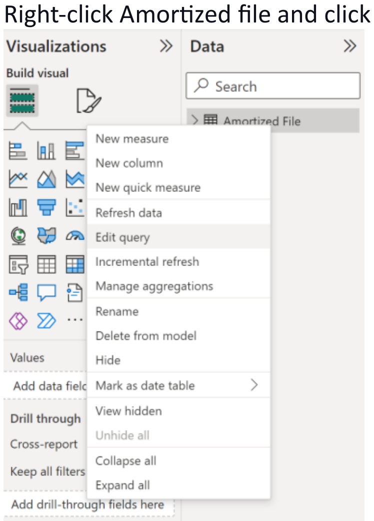
3. This step is required only if you want to view the savings for multiple months. If you just want to see the savings for single month merging is not required.

Configuring Power BI template

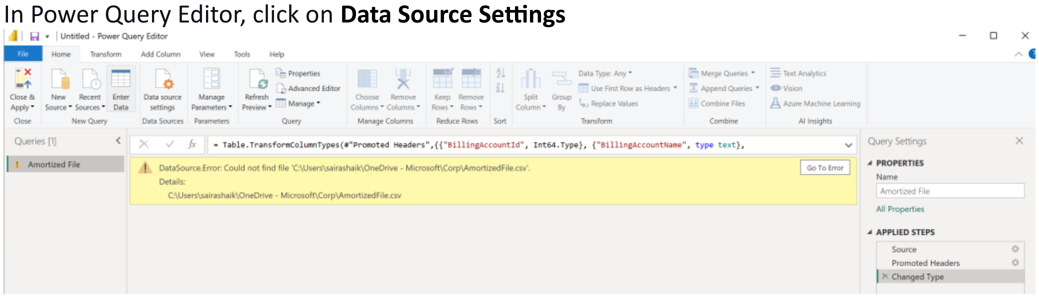
1. Download **Cost Management Savings Dashboard.pbit** from this repo.
2. Open Cost Management Dashboard template file you downloaded from this repo.
3. You will get an error message. Click on **OK** (This is because the path is mapped to my local folder).
4. Expand the **Data** section on the right-hand side.



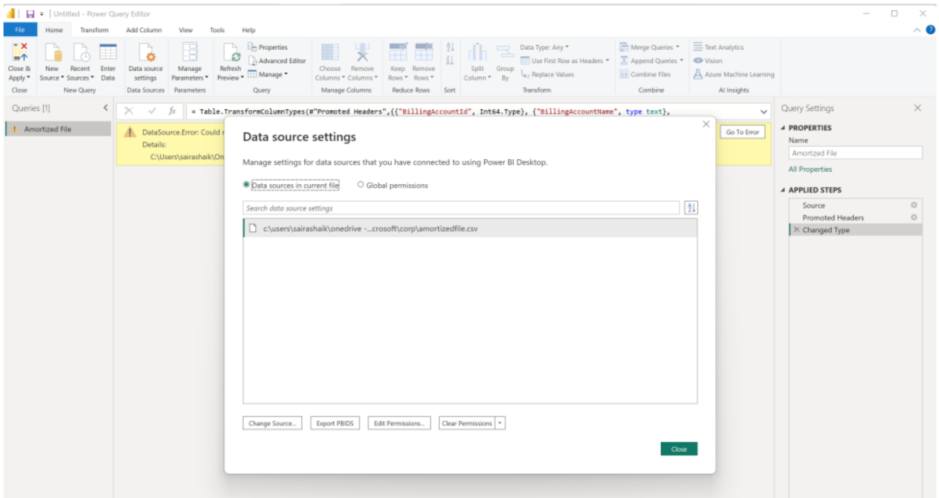
5. Right-click Amortized file and click **Edit query.**



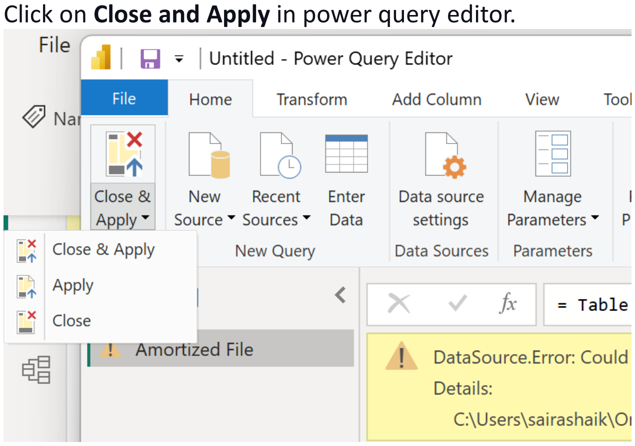
6. In Power Query Editor, click on **Data Source Settings**



7. It will display data source settings popup.



8. Click on **Change Source** - In File path click on **Browse** and select the csv file you have generated in “Merging Amortized files into one single file” section if you have multiple files or if you want to view savings for only one month just point to the file and click on Ok.
9. Click close on **Close** data source settings.
10. Click on **Close and Apply** in power query editor.



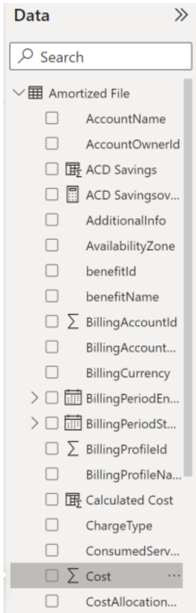
Now you can view the fields in Data Section

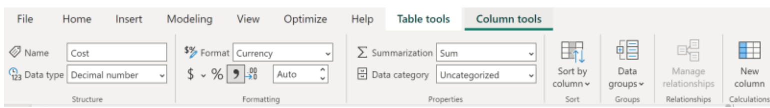
Changing the Currency Symbol

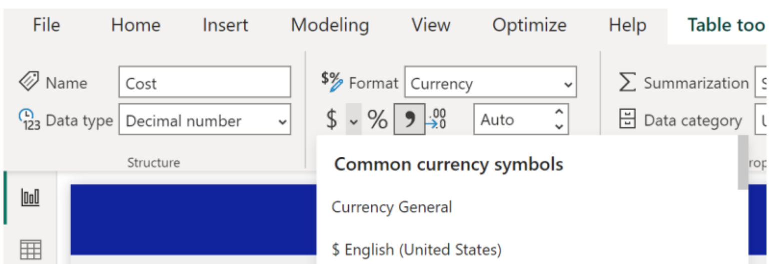
The default currency in this template is USD. You can change the currency by selecting the column in the Data section, clicking on **Column tools** on the top, clicking on the **$** dropdown, and selecting the desired currency.

There is no currency conversion done in this template.

Whatever currency you are getting billed must be selected in the currency symbol.







Do these steps for the following fields by clicking on the field from the Data section and going to column tools on the top and changing the currency symbol.

- Cost
- PayG Cost
- RI SP Savings
- Total Savings
- Total Used Savings
- ACD Savings over PayG
- Total Used Savings for Reservation, Savings Plan

Save and Publish

Click on File Save As and Save the file.

Click on Publish to publish the file to desired workspace to view in browser.