

ORACLE

甲骨文漫遊雲端線上研討會

資料視覺化

分析雲

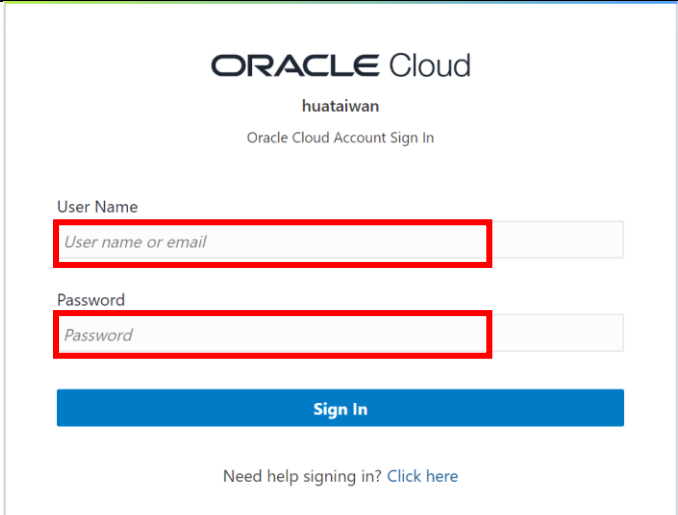


Analyst Data Using Oracle Analytic Cloud

In this round, you will analyze finance data from Oracle Autonomous Data Warehouse using Oracle Analytics Cloud based on a dashboard created for a Finance Manager.

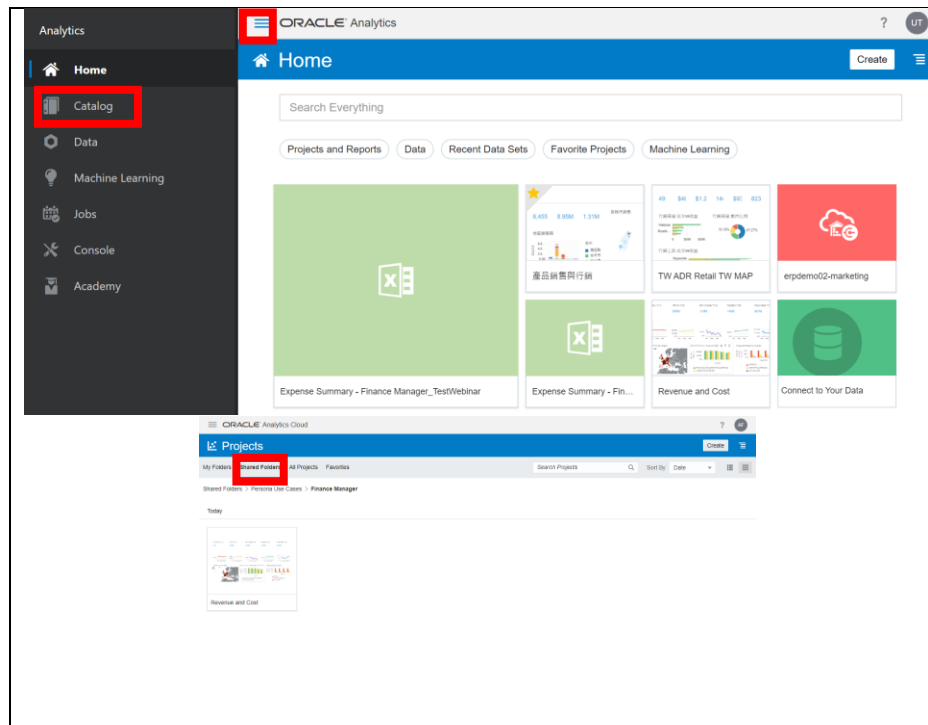
You will also see how you can upload a sample Excel file into ADW and start doing your own analysis.

1. Access to Finance Manager Dashboard

View	Click Stream
	<ol style="list-style-type: none">1. Open your web browser2. Connect to OAC via the provided URL: <<OAC URL>>3. Type in the User Name: <<user_id>> and password: <<password>>4. Click Sign In

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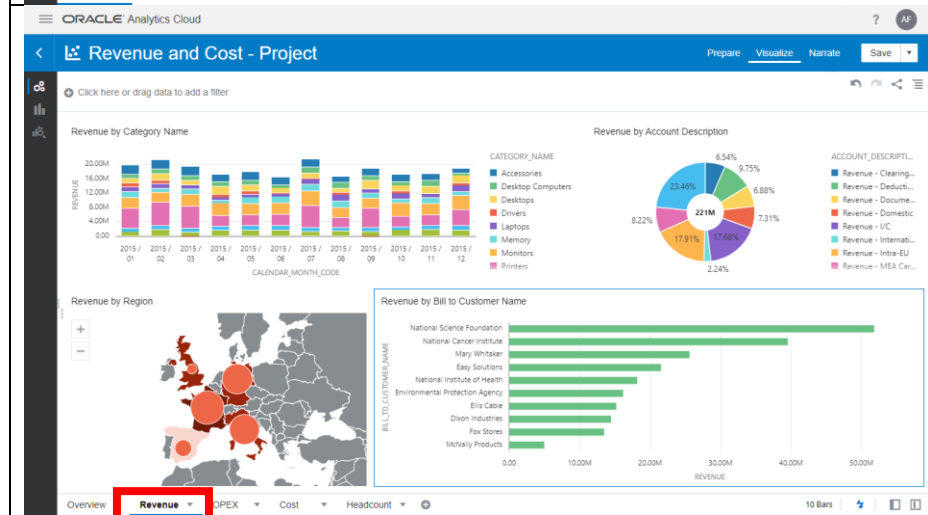
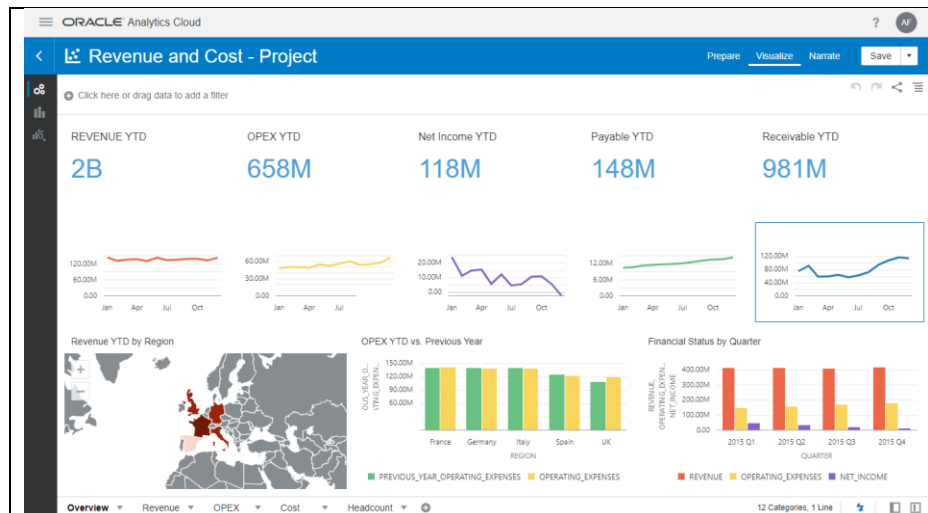
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1. From the Home Page click on the Navigator icon (Top Left)
2. Click on Catalog Menu
3. Select Shared Projects
4. Navigate to the Finance Manager folder
5. Click on Revenue and Cost to open the project

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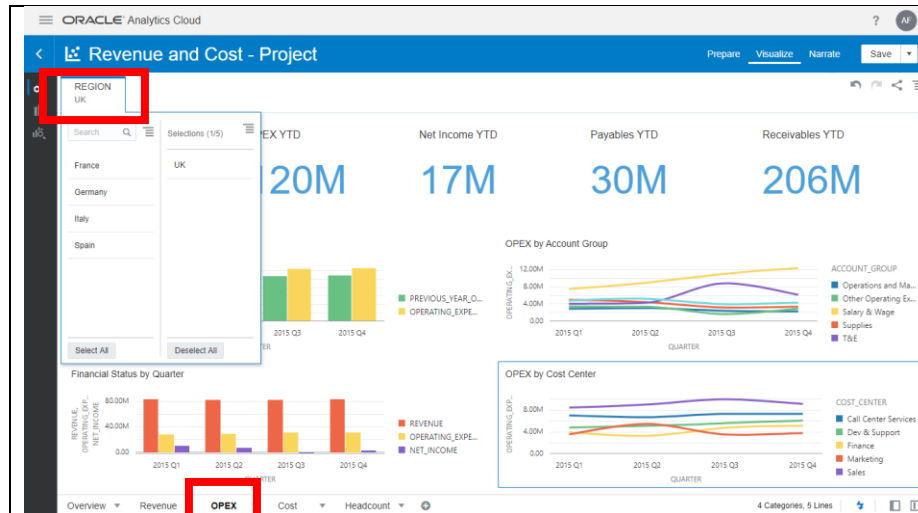
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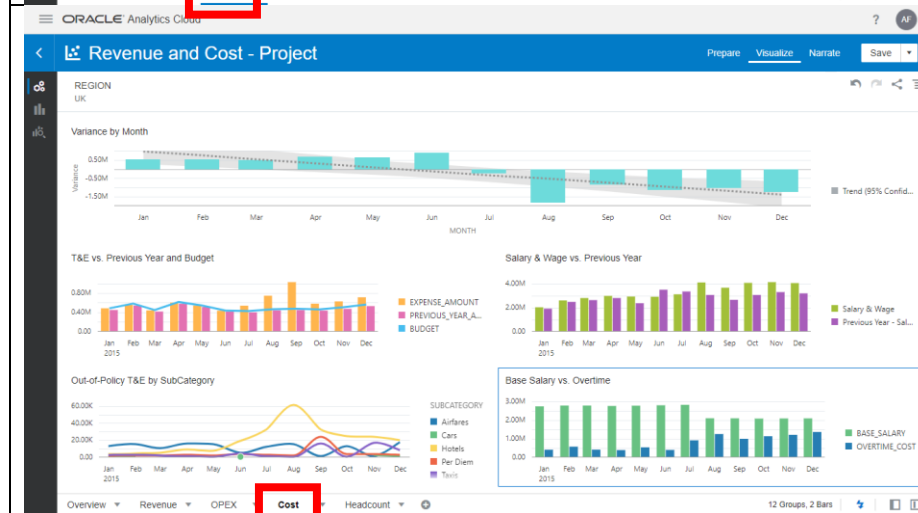
1. Click on "Revenue" tab at the bottom

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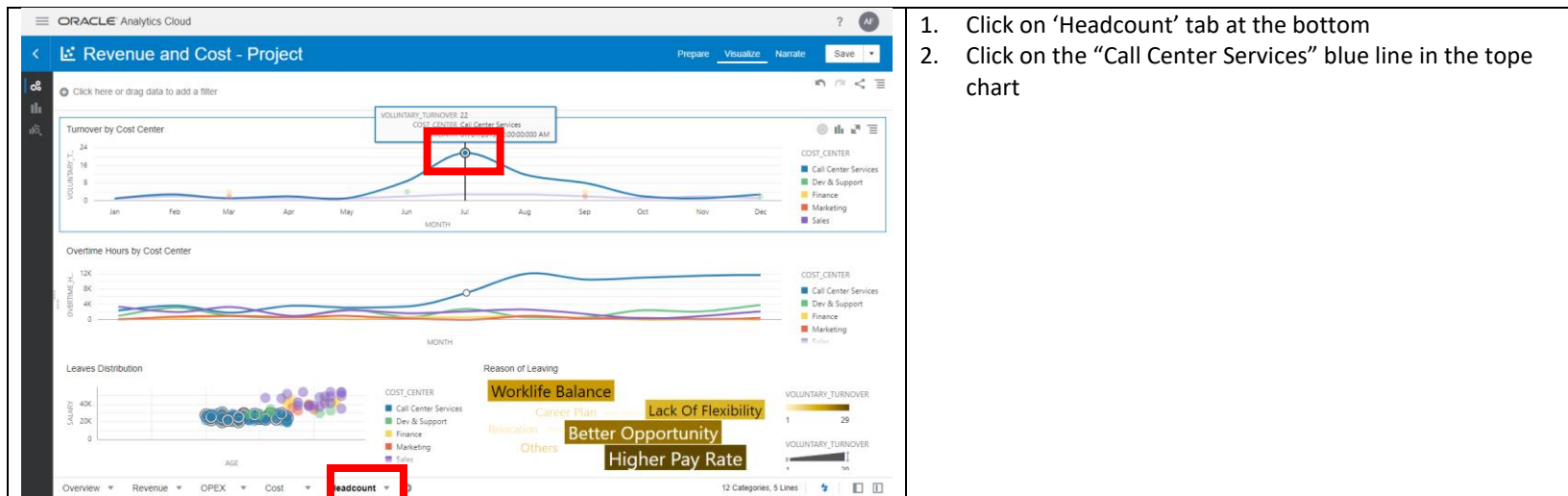
1. Click on 'OPEX' tab at the bottom
2. Click on the REGION filter at the top left
3. Select UK



1. Click on 'Cost' tab at the bottom

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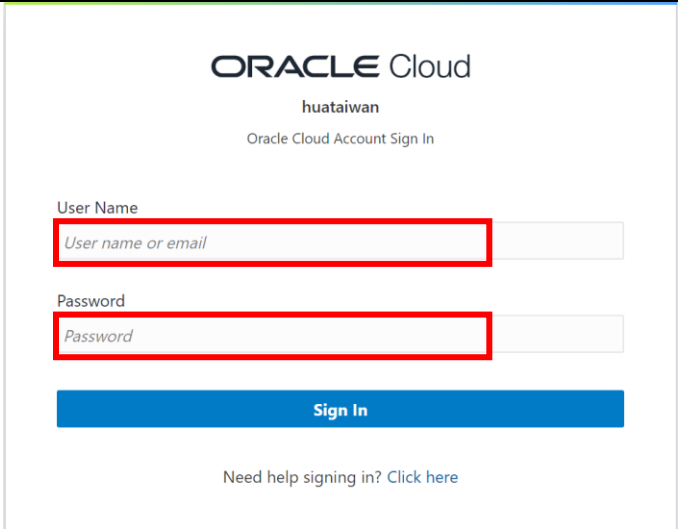

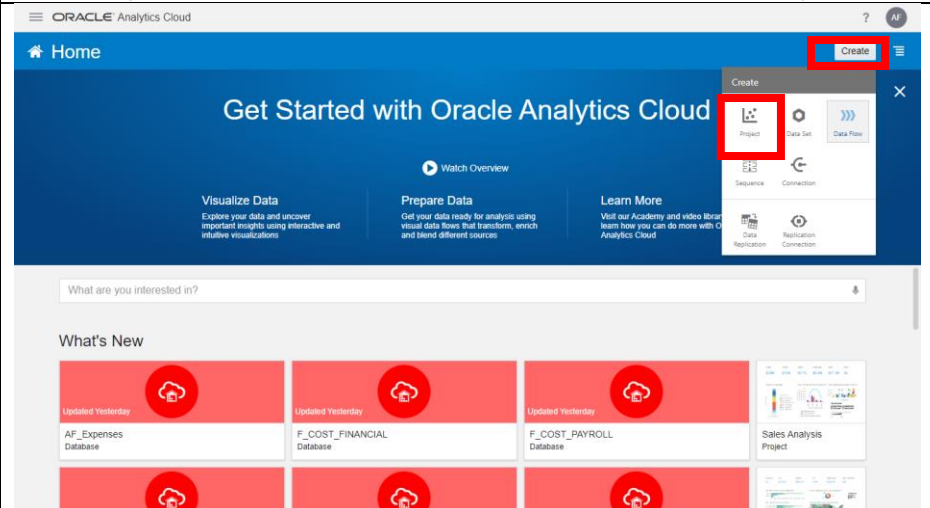
1. Click on 'Headcount' tab at the bottom
2. Click on the "Call Center Services" blue line in the top chart

In conclusion:

- Leveraging Oracle Autonomous Data Warehouse and Analytics Cloud a Finance Manager can gain access to multiple data sources to understand of how their organization business is doing
- In this particular example it enabled us to understand why our UK business is struggling. Understanding the cost increase due to employees leaving our Call Center Services. Something we can now try to address to avoid similar issues in the future

Now let's see how you can start from an Excel file and leverage Oracle Autonomous Data Warehouse and Analytics Cloud to do your own ad-hoc analysis

2. Upload an Excel file to Oracle Autonomous Data Warehouse

View	Click Stream
	<p>Click Stream</p> <ol style="list-style-type: none"> 1. Open your web browser 2. Connect to OAC via the provided URL: <<OAC URL>> 3. Type in the User ID: <<user_id>> and password: <<password>> 4. Click Sign In <p>Note: if you are still connected to OAC after previous exercise, click on the “Navigator” Menu at the top left  and select Home</p>
	<ol style="list-style-type: none"> 6. From the Home Page click on Create / Project

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- Click on Create Data Set
- Click on Drop Data file here or click to browse
- Select the “Expense Summary - Finance Manager.xlsx” file provided

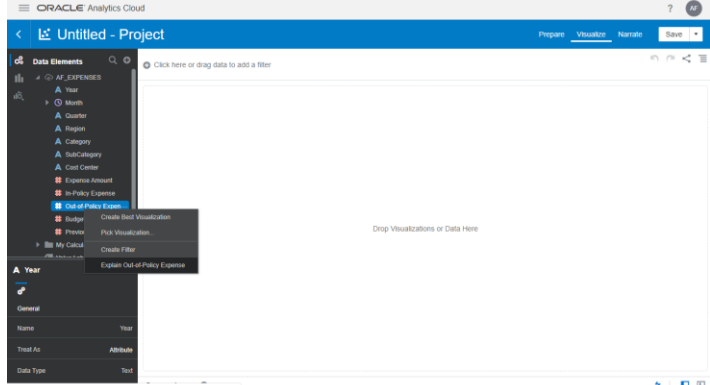
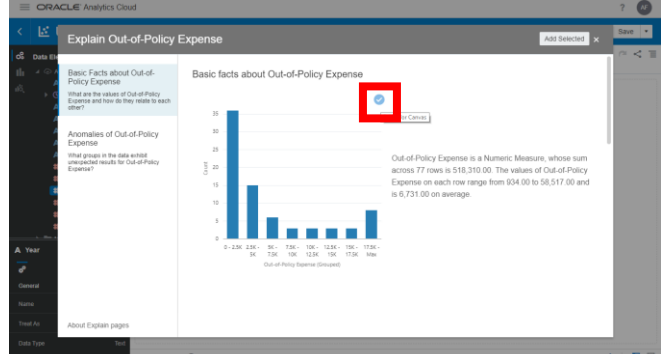

ID	Age	Attrition	BusinessTravel	DailyRate	Department	DistanceFromHome	Education	...
1	41	Yes	Travel_Rarely	1,102	Sales		2	Life
2	49	No	Travel_Frequently	279	Research & Development	8	1	Life
3	37	Yes	Travel_Rarely	1,373	Research & Development	2	2	Other
4	33	No	Travel_Frequently	1,392	Research & Development	3	4	Life
5	27	No	Travel_Rarely	591	Research & Development	2	1	Marketing

- Click on “Add”

- Click on Visualize to start visualise your data.

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3. Analyze Expenses data with OAC

View	Click Stream
	<ol style="list-style-type: none"> 1. Right click on “Out-of-Policy Expenses” and select Explain Out-of-Policy Expenses
	<ol style="list-style-type: none"> 2. Check the  on the 1st chart to keep it for further analysis 3. Scroll down to see additional charts 4. Select the “by Month”, “by “SubCategory” and “by “Cost Center” charts

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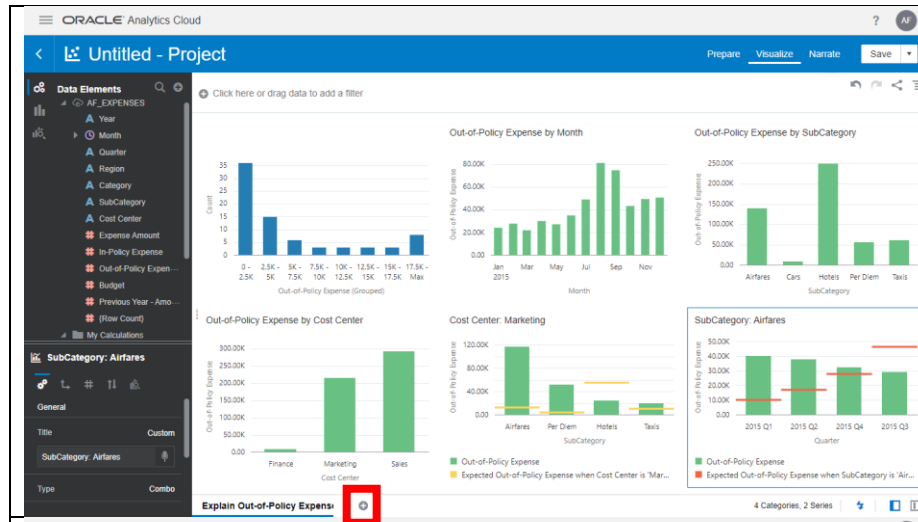
The screenshot shows the Oracle Analytics Cloud interface. The main panel displays 'Explain Out-of-Policy Expense' with a sidebar on the left containing a menu. The main content area includes a title, a brief description, and several charts. The charts show 'Out of Policy Expense' by Year, Month, and Quarter. The sidebar menu has a section for 'Anomalies of Out-of-Policy Expense' which is highlighted with a red box.


This screenshot provides a more detailed view of the 'Explain Out-of-Policy Expense' page. The sidebar menu on the left has a section for 'Anomalies of Out-of-Policy Expense' highlighted with a red box. The main panel shows a title, a description, and a chart titled 'Out of Policy Expense' by SubCategory. The chart shows bars for 'Airlines', 'Per Diem', 'Hotels', and 'Taxis'. The 'Airlines' bar is significantly higher than the others, indicating a high expense. The 'Add Selected' button in the top right corner is also highlighted with a red box.

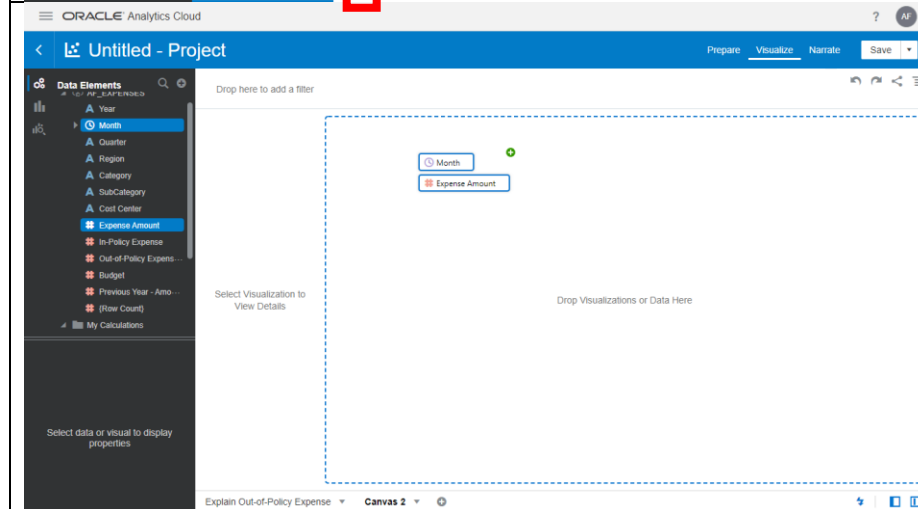
- Click on “Anomalies for Out-of-Policy Expenses
- Select the 1st chart showing that for the Marketing Cost Center “Airlines” and “Per Diem” Out-of-Policy Expenses are much higher than expected
- Scroll down to select the chart showing that for “Airlines” Out-of-Policy Expenses are much higher than expected in Q1 and Q2
- Click on Add Selected

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9. Click on the  icon to create a new canvas

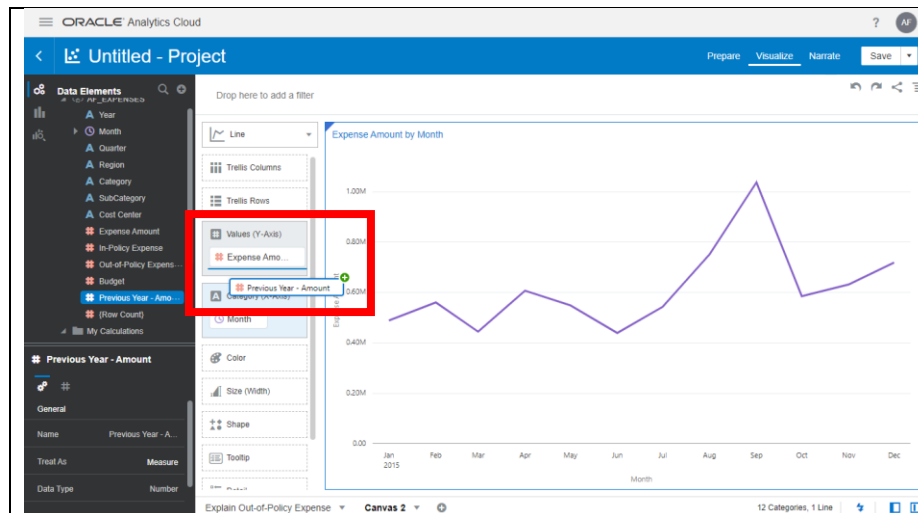


10. From the left “Data Elements” pane select Month and Expense Amount (use the “Ctrl” Key to do multi selections)

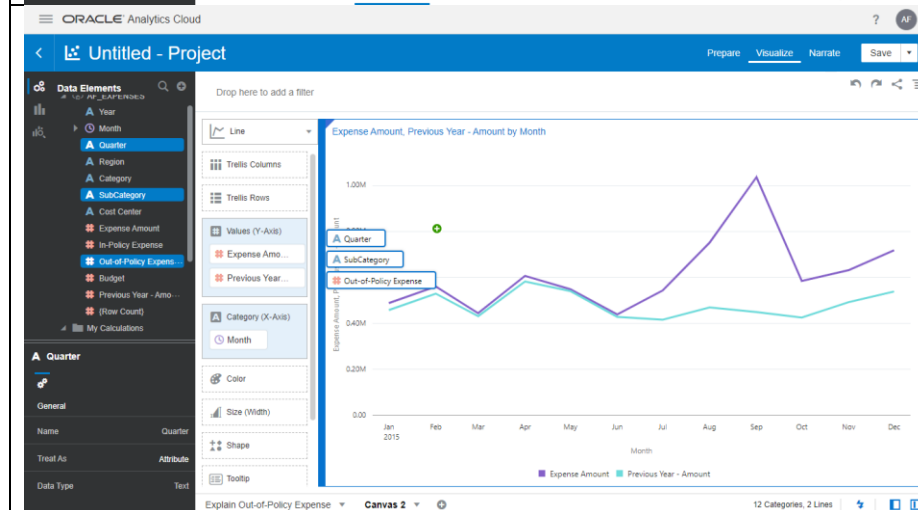
11. Drag and Drop to the canvas

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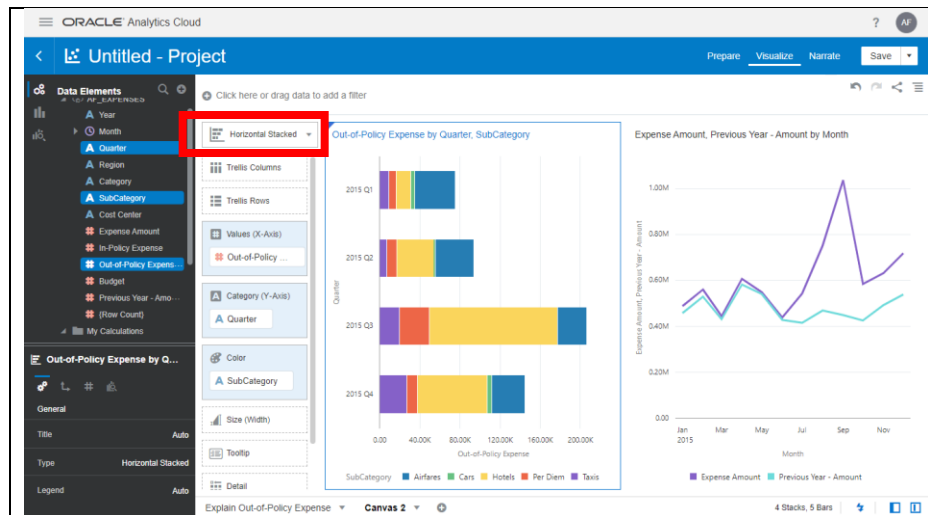
- From the left “Data Elements” pane select Previous Year Amount and drop it under Expense Amount in the Values (Y-Axis)



- From the left “Data Elements” pane select Out-of-Policy Expense, SubCategory and Quarter
- Drag and Drop to the left of the existing chart

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15. Click on the Chart Drop Box

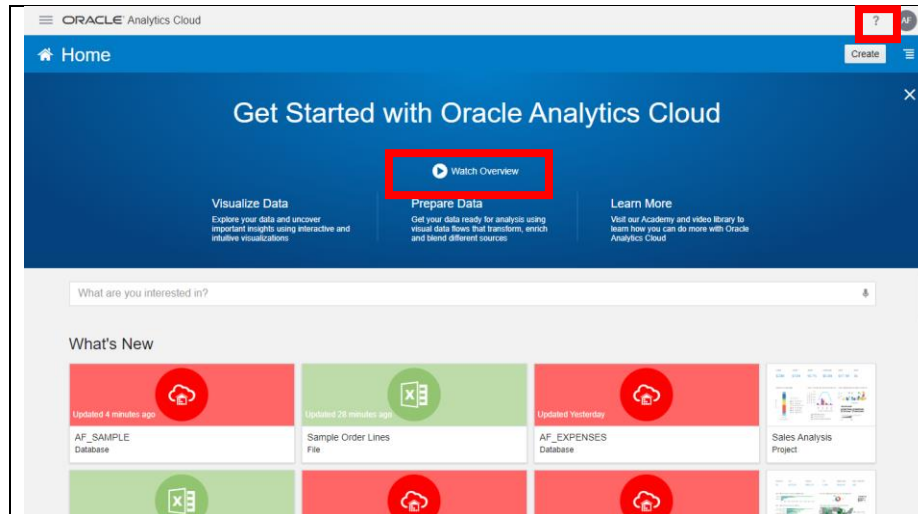


16. Select Sunburst

17. Click Navigator Menu to go back to the Home Page

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18. Click on Watch Overview for a video demonstration
19. You can click on “?” for more help