



3. Working with Prompts and Actions

- a. From the browser window, sign in to SAS Viya for Learners.
- b. Open the **VA1- Exercise4.2b** report from the **SAS Content/Courses/YVA183/Basics/Exercises (HR)** folder.
 - 1) Navigate to **SAS Content/Courses/YVA183/Basics/Exercises (HR)**.
 - 2) Right-click **VA1- Exercise4.2b** and select **Edit**.
- c. Add a report prompt that uses a button bar to select the employee type.
 - 1) In the upper right corner of Visual Analytics, click  (**Menu**) and select **Expand report controls**.
 - 2) In the left pane, click the **Objects** icon.
 - 3) Drag the **Button Bar** object, from the Controls group, to the **Drop a data item or control to create a report prompt** area.
 - 4) In the right pane, click the **Roles** icon.
 - 5) For the Category role, select **Add ⇨ Employee Status**.
- d. Modify options for the button bar.
 - 1) In the right pane, click the **Options** icon.
 - 2) In the Object group, enter **Employee Status Selector** in the **Name** field.
 - 3) Select **Custom title** for the **Title** field.
 - 4) Enter **Select an employee status:** in the **Title** field.

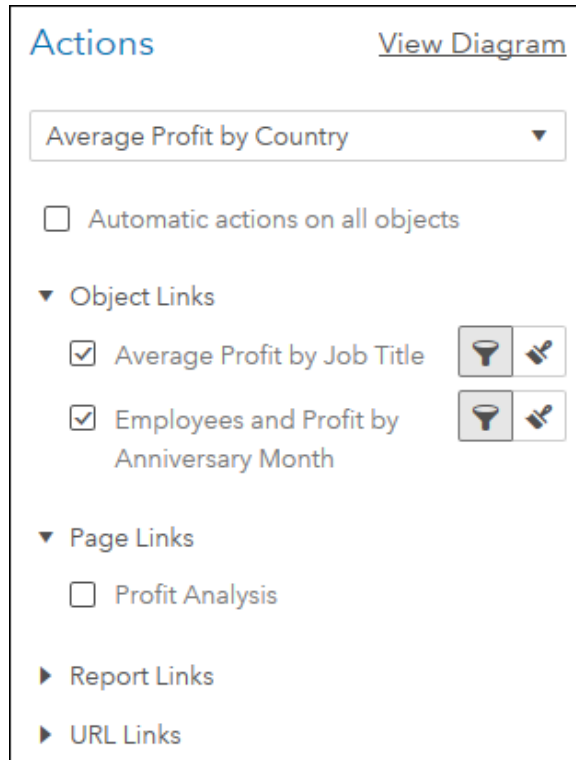
The button bar should resemble the following:




- e. Add actions between objects on the Employee Analysis page.
 - 1) If necessary, click the **Employee Analysis** page to make it active.
 - 2) Click the geo map on the page to select it.
 - 3) In the right pane, click the **Actions** icon.
 - 4) In the Actions pane, expand **Object Links**, if necessary.
 - 5) Select **Average Profit by Job Title** (the bar chart).
 - 6) Verify that  (**Filter**) is selected.
 - 7) Select **Employees and Profit by Anniversary Month** (the dual axis bar-line chart).

- 8) Verify that  (**Filter**) is selected.

The Actions pane should resemble the following:



- 9) In the canvas, click the bar chart to select it.
- 10) In the right pane, click the **Actions** icon.
- 11) In the Actions pane, expand **Object Links**, if necessary.
- 12) Select **Employees and Profit by Anniversary Month** (the dual axis bar-line chart).
- 13) Click  (**Linked selection**).



The Actions pane should resemble the following:

Actions [View Diagram](#)

Average Profit by Job Title ▼

☐ Automatic actions on all objects

▼ Object Links

☒ Employees and Profit by Anniversary Month  

▼ Page Links

☐ Profit Analysis

▶ Report Links

▶ URL Links


- f. On the Profit Analysis page, add a rank to the list table to show the top five employees by **Total Profit**.
- 1) Click the **Profit Analysis** page to make it active.
 - 2) Click the list table to select it.
 - 3) In the right pane, click the **Ranks** icon.
 - 4) In the Ranks pane, select **New rank** ⇌ **All visible categories**.
 - 5) Verify that **Top count** is specified.
 - 6) Enter **5** for the **Count** field.
 - 7) Verify that **Total Profit** is specified for the **By** field.

The Ranks pane should resemble the following:

Ranks

Employee Details ▼

+ New rank

▼ All visible categories 

Top count ▼

Count:

5 ▼

By:

Total Profit ▼


Include:

☐ Ties


The list table should resemble the following:

Name	Total Profit ▼
Agnes de Fourtou, Ms	\$395,552.03
Christelle Bourrier, Ms	\$390,366.78
Jaime Wetherington, Ms	\$377,979.02
Joseph Robbin-Coker, Mr	\$374,494.31
Donald Washington, Mr	\$372,456.18

g. Save the report in **My Folder.**

- 1) To save the report, click  (**Menu**) in the upper right corner and select **Save As**.
- 2) Navigate to **My Folder**.
- 3) Click **Save**.

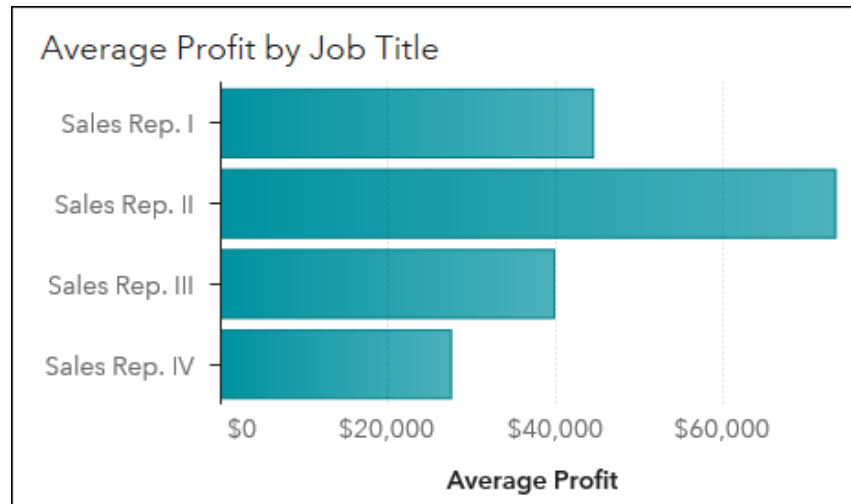
h. View the report and answer the questions.

- 1) In the upper right corner, click  (**Menu**) and select **View report**. The report opens in the Report Viewer.
- 2) Answer the questions.

Which job title has the highest average profit among active employees in Australia?

Answer: Sales Rep. II (\$73,430.56)

- On the Employee Analysis page, select Active in the Employee Status Selector (report prompt).
- In the geo map, click the AU coordinate.



For Orion USA, which active sales representative had the highest total profit generated for the Indoor Sports group?

Answer: Tywana Mcdade (\$178,299.60)

- Click the Profit Analysis tab.
- In the Company Selector (page prompt), select Orion USA.
- Click the Indoor Sports bar on the bar chart.

Name	Total Profit ▼
Tywanna Mcdade, Ms	\$178,299.60
Daniel Pulliam, Mr	\$172,949.97
Clement Davis, Mr	\$17,429.24

For Orion France, how many active sales representatives sold items for the Racket Sports group?

Answer: One employee (Marc Zampa)

- In the Company Selector (page prompt), select Orion France.
- Click the Racket Sports bar on the bar chart.

Name	Total Profit ▼
Marc Zampa, Mr	\$66,109.84

i. Close the report.