



Round 2 Probability of Giving


1 Access SAS Viya and Explore

1. Use your User ID and your password and click Sign In
2. Click on the hamburger icon  on the top left
3. Click on **Explore and Visualize**
4. Double click on **Cortex Visual Analytics**
5. Use round 2 tabs (**Game Scenario**, **Data Dictionary**, & **RD2: Explanation tabs**) to explore the game scenario and game data


2 Open Cortex Round 2 – Probability of Giving


1. Click on the hamburger icon  on the top left
 2. Select **Build Models**
 3. Open **Cortex Round 2 – Probability of Giving** project by double clicking on it
 4. In **Data** tab, change variable roles if desired
- NOTE:** 'GaveThisYear' should stay target variable and 'AmtThisYear' should stay rejected

3 Improve Models/ Run Pipeline/See Results

1. Click on **Pipelines** tab to access the default pipeline
2. Similar to round1, improve the default models by changing their properties OR add new models to the pipeline
3. Click on **Run Pipeline** and wait for green check marks (run complete)
4. Right click on **Model Comparison** node
5. Choose **Results**
6. The champion model is identified by 
7. Close results by clicking on **Close** tab on top right
8. It is recommended to evaluate the performance of your models using **Insights** tab


4 Score New Data

1. Click on **Pipelines** tab
2. Open the left-hand side panel by clicking on 
3. Under **Miscellaneous**, drag: **Score Data: RD2 Contact (Give)** and **Score Data: RD2 No Contact (Give)** nodes to your champion model node and release
4. Click on **Score Data: RD2 Contact (Give)** node to open the properties panel
6. Under **Score data**, in **Table Name**, click **Browse**: [DataSource/Cas-shared-default/Public/CORTEX_ROUND2_SCORE-DATA_CONTACT.sashdat*](#)
6. Click OK
7. Click on **Score Data: RD2 No Contact (Give)** node to open the properties pane
8. Under **Score data**, in **Table Name**, click **Browse**: [DataSource/Cas-shared-default/Public/CORTEX_ROUND2_SCOREDATA-NOCONTACT.sashdat*](#)
9. Click OK
10. Click on **Run Pipeline**

! * If data is not already loaded, showing a gray lightning icon on top right, then  click on it. When the load is complete (icon turns green), click on OK. This may happen only the first time you access the game.


Round 2 Conditional Amount

5 Open Cortex Round 2 – Conditional Amount


1. Click on 'view all projects' icon 
2. Open **Cortex Round 2 – Conditional Amount** project by double clicking on it
3. In **Data** tab, change variable roles if desired

NOTE: 'AmtThisYear' should stay target variable and 'GaveThisYear' should stay rejected




6 Improve Models/ Run the Pipeline & See Results

1. Click on **Pipelines** tab to access the default pipeline
2. Similar to round1, improve the default models by changing their properties OR add new models to the pipeline
3. Click on **Run Pipeline** and wait for green check marks (run complete)
4. Right click on **Model Comparison** node
5. Choose **Results**
6. The champion model is identified by 
7. Close results by clicking on **Close** tab on top right
8. It is recommended to evaluate the performance of your models using **Insights** tab

7 Score New Data

1. Click on **Pipelines** tab
2. Open the left-hand side panel by clicking on 
3. Under **Miscellaneous**, drag: **Score Data: RD2 Contact (AMT)** and **Score Data: RD2 No Contact (AMT)** nodes to your champion model node and release
4. Click on **Score Data: RD2 Contact (AMT)** node to open the properties panel
6. Under **Score data**, in **Table Name**, click **Browse**:
5. [DataSource/Cas-shared-default/Public/CORTEX_ROUND2_SCORE-DATA_CONTACT](#)
6. Click **OK**
7. Click on **Score Data: RD2 No Contact (AMT)** node to open the properties panel
8. Under **Score data**, in **Table Name**, click **Browse**: [DataSource/Cas-shared-default/Public/CORTEX_ROUND2_SCOREDATA_NOCONTACT](#)
9. Click **OK**
10. Click on **Run Pipeline**

8 Re-open Cortex Visual Analytics, Select Donors, and Export to .CSV

1. Click on the hamburger icon  on the top left
 2. Select **Explore and Visualize**
 3. Click on **RD2: Donors** tab
 4. On the left-hand side, click on the **Data** icon
 5. Under **Data** open the drop-down list and choose: **2 Stage Donor Prediction**
 6. Beside the drop-down, click on  and **Refresh 2 Stage Donor Prediction**
 7. Close data by re-clicking on **Data** icon
 8. Click on the **Uplift Cutoff** and move the slider to choose your uplift cutoff point
 9. Right click on the **Uplift** column
 10. Click on **Sort** and choose **Uplift: Descending**
 11. Similar to round1, export your ID column to a .csv file
-  You can now upload your .csv file on the game leaderboard