# USE CASE 1: Find the best (most suitable) model

## Instruction:

1. Start a new notebook (anywhere you like, local machine, Google Colab, DSRI, etc)
2. Use the dataset link (the same one in the example notebook):
   1. <https://drive.google.com/file/d/1053Y9qjnI3GVAnXLe39d0qVJ7Evvftz_/view?usp=drive_link>
3. Manage to train at least 3 different generative models
4. Control the hyperparameters for all the models (as much as possible)
5. Select one or two evaluation criteria (variable distribution, correlations, ML accuracy, efficiency, etc)

## Answer the following questions:

**Q1: What models did you select and why?**

**Q2: What hyperparameters did you control and why?**

**Q3: What evaluation metric(s) did you choose to evaluate the quality of the synthetic data?**

**Q4: Which model does perform the best based on your evaluation?**

**Q5: Any discovery or insights to share?**