Workshop Resources

<https://ppt.cc/f9Sgsx>

SageMaker Canvas Lab Login

<https://dashboard.eventengine.run/login>

SageMaker Canvas準備工作

<https://docs.aws.amazon.com/sagemaker/latest/dg/canvas-getting-started.html>

Datasets

<https://www.kaggle.com/c/titanic/data?select=train.csv>

<https://www.kaggle.com/c/titanic/data?select=test.csv>

Data Dictionary

<https://www.kaggle.com/c/titanic/data>

SageMaker Canvas 延伸閱讀

<https://aws.amazon.com/blogs/aws/announcing-amazon-sagemaker-canvas-a-visual-no-code-machine-learning-capability-for-business-analysts/>

SageMaker Data Wrangler 準備工作

<https://catalog.us-east-1.prod.workshops.aws/v2/workshops/63069e26-921c-4ce1-9cc7-dd882ff62575/en-US/prerequisites/option2>

SageMaker Data Wrangler Lab

*df["With\_Family"] = ( (df["SibSp"] !=0 ) | (df["Parch"] !=0) ).astype(int)*

SageMaker Data Wrangler 延伸閱讀

<https://aws.amazon.com/blogs/aws/introducing-amazon-sagemaker-data-wrangler-a-visual-interface-to-prepare-data-for-machine-learning/>

<https://aws.amazon.com/blogs/machine-learning/balance-your-data-for-machine-learning-with-amazon-sagemaker-data-wrangler/>

Data Dictionary - Titanic

|  |  |  |
| --- | --- | --- |
| Variable | Definition | Key |
| survival | Survival | 0 = No,  1 = Yes |
| pclass | Ticket class | 1 = 1st,  2 = 2nd,  3 = 3rd |
| sex | Sex |  |
| Age | Age in years |  |
| sibsp | # of siblings / spouses aboard the Titanic |  |
| parch | # of parents / children aboard the Titanic |  |
| ticket | Ticket number |  |
| fare | Passenger fare |  |
| cabin | Cabin number |  |
| embarked | Port of Embarkation | C = Cherbourg,  Q = Queenstown,  S = Southampton |