

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