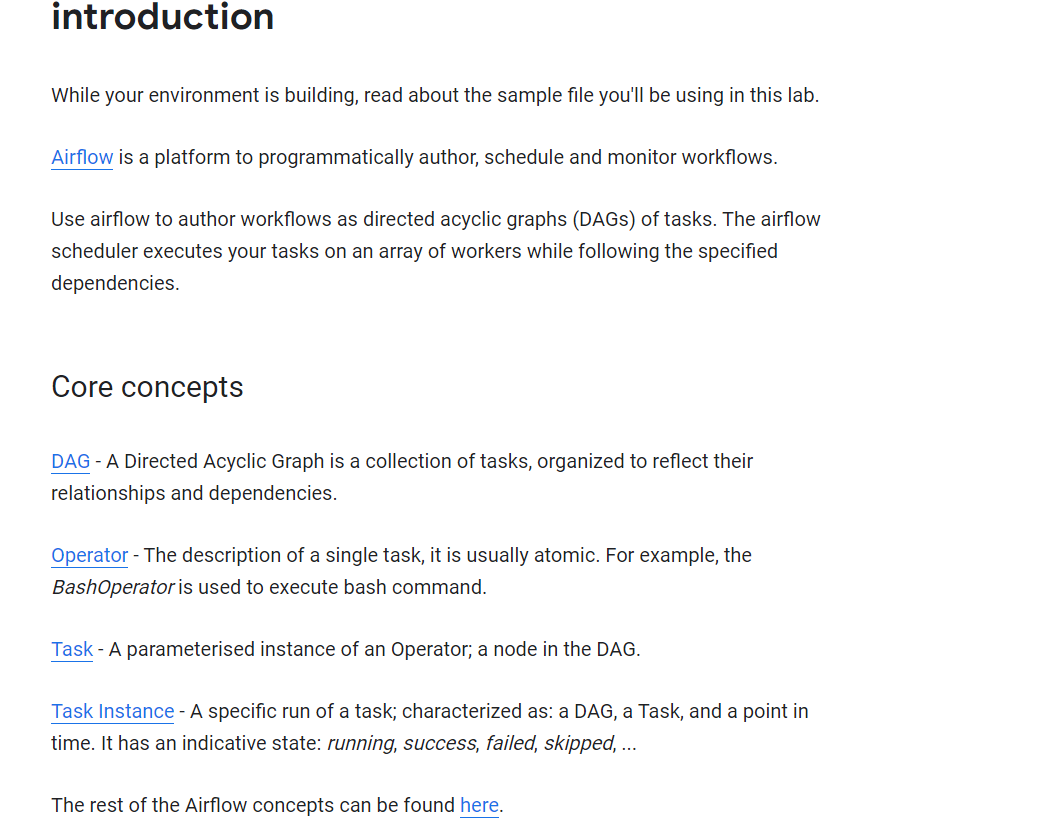
Airflow:



LAB

CREATE OR REPLACE TABLE taxirides.taxi\_training\_data\_188

AS

SELECT pickup\_datetime, pickup\_longitude as pickuplon, pickup\_latitude as pickuplat, dropoff\_longitude as dropofflon,

dropoff\_latitude as dropofflat, passenger\_count as passengers, (tolls\_amount + fare\_amount) AS fare\_amount\_643

FROM `taxirides.historical\_taxi\_rides\_raw`

WHERE

trip\_distance >2

AND

fare\_amount >= 2

AND

dropoff\_latitude <> 0

AND

pickup\_latitude <> 0

AND

pickup\_longitude <> 0

AND

dropoff\_longitude <> 0

AND

passenger\_count >2

AND

RAND()< 0.001

CREATE MODEL:

CREATE OR REPLACE MODEL `taxirides.fare\_model\_733`

OPTIONS

(

model\_type='linear\_reg',

labels = ['fare\_amount\_643']

)

AS

#standardSQL

SELECT

  \*

FROM

  # features

  (SELECT

      \* EXCEPT(pickuplon, pickuplat, dropofflat, dropofflon), ST\_Distance(ST\_GeogPoint(pickuplon, pickuplat), ST\_GeogPoint(dropofflon, dropofflat)) AS euclidean

  FROM

    `taxirides.taxi\_training\_data\_188`

  );

EVALUATE MODEL/