Aquere Data Engeneering project
(ETL) pipeline
Data a surver (1)
Data esource (kaggle) (uploaded on githule)
Ţ
Data integration (Data factory) (Data flow)
\downarrow
store data (estorage acc Ayure)
Store data (estorage acc Agure) (estoring in a container)
Teconospormation (Dotalouicher, spack)
store data
\downarrow
Analytica (Ayuoro erynapse analytica 15QL)
Darhlooved)

Aquer acc

{ oruloscriptions }

{ Resource gaps }

{ Resources / Aquere sequences}

Store data

L, container

- ecovo data
- toisnespoerned data

Datafactoey (toiggens > schedule the

by activities end to end pipeline execution)

- copy data (souvel -> sink)

- wil agwil

ferom

github

estorage

(Atth)

Gen 2

loaded data from nousce

data, stoerage container

Databrico

Is new compute (to write exports code)
Is new noteleook (exports cluster)

war 1 to the the total dat

have to connect dataleries to ADLS

- welley valult to estone & not expose the larger while mounting
- we are wring the app to get the data (need to give permission wing IAM)
- while waiting the files spacke estores them in a folder with metadata
- if we have a very large file spark will divide the file into multiple files

Aguel synapse

- after loading the tables to the DB (optioner

- wostom
- forom template
- becom Data Lake)

Lo SQL escript

15 notelook

L) ML -> tocain / poredict

(nan SQL quevier, MYSQL syntax) (nesult -> talele & charit)

Toiggeres in satafactory:

- 1) Schedule (many to many)
- 2) Tumbling windour (seperate biles for every escention)
- 3) Event leased (blob orelated events del/generation of blob)