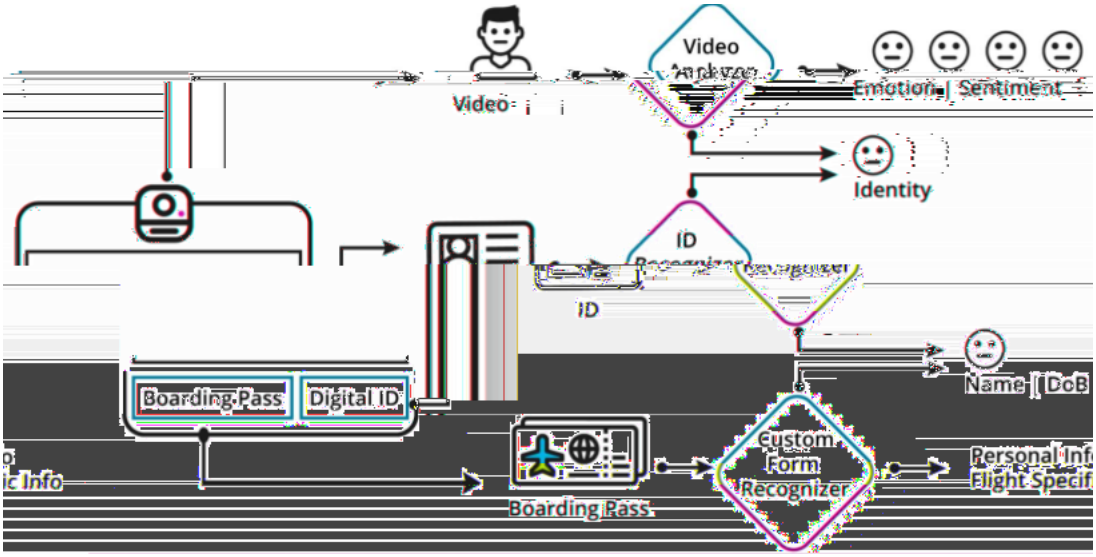
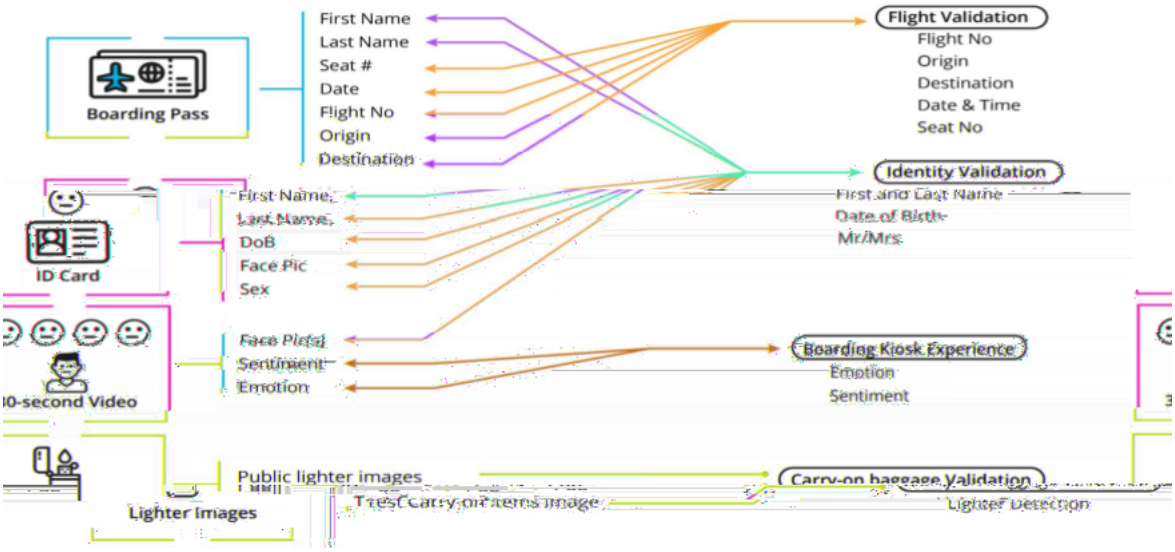
da a e c f a c ea i i

) j i(i i i

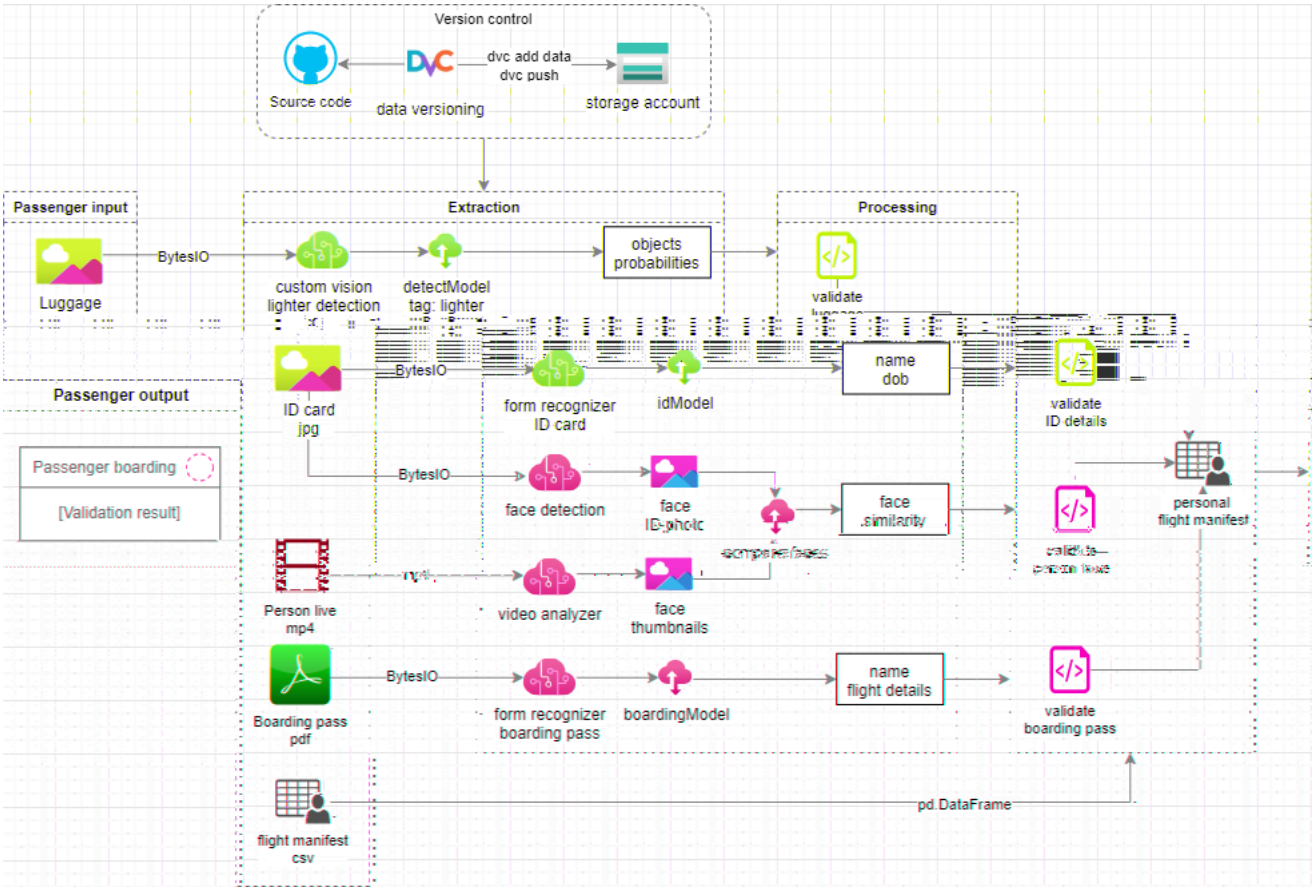
S K i (g

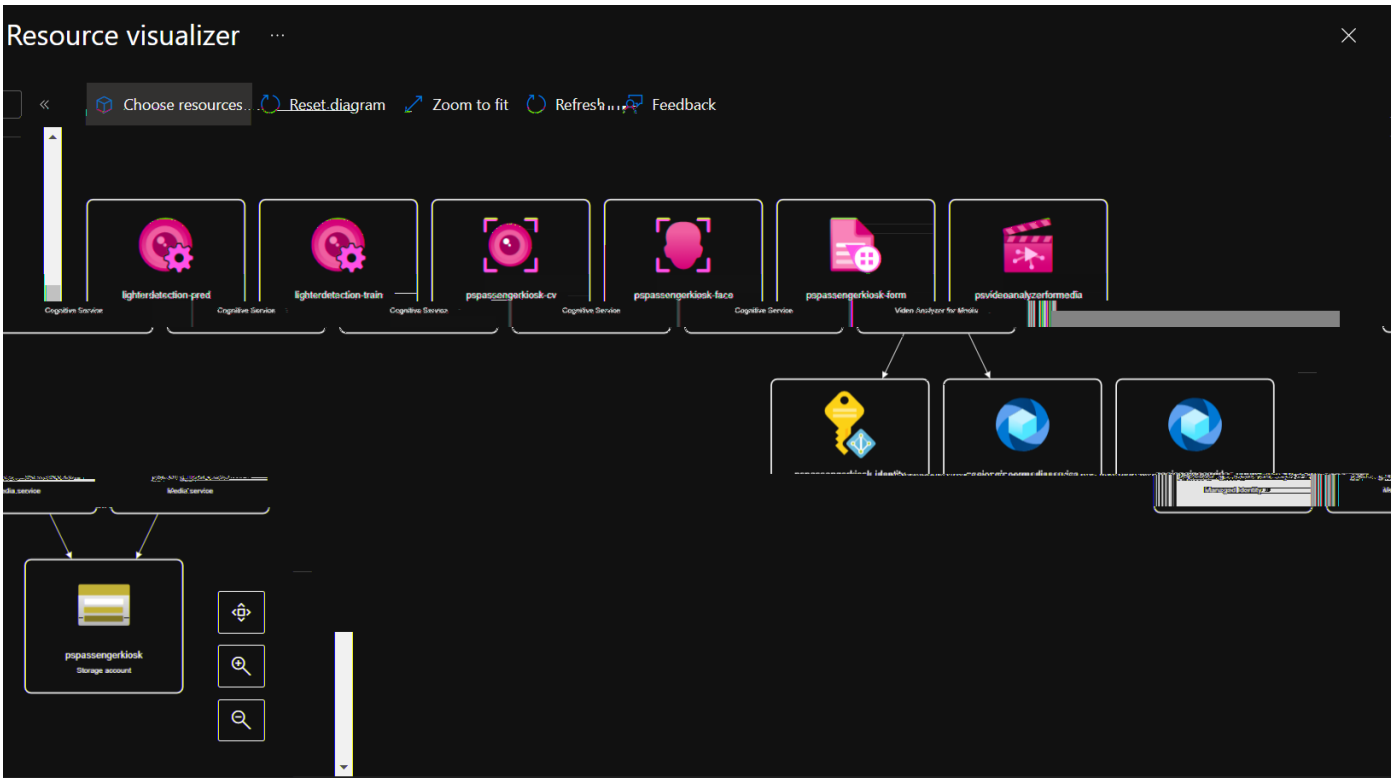


-
-
-


Boarding Pass
First Name
Last Name
Seat #
Date
Flight No
Origin
Destination
Flight Validation
Flight No
Origin
Destination
Date & Time
Seat No
ID Card
First Name
Last Name
DoB
Face Pic
Sex
Identity Validation
First and Last Name
Date of Birth
Mr/Mrs
0-second Video
Face Pic(s)
Sentiment
Emotion
Boarding Kiosk Experience
Emotion
Sentiment
Lighter Images
Public lighter images
Carry-on baggage Validation
Lighter Detection

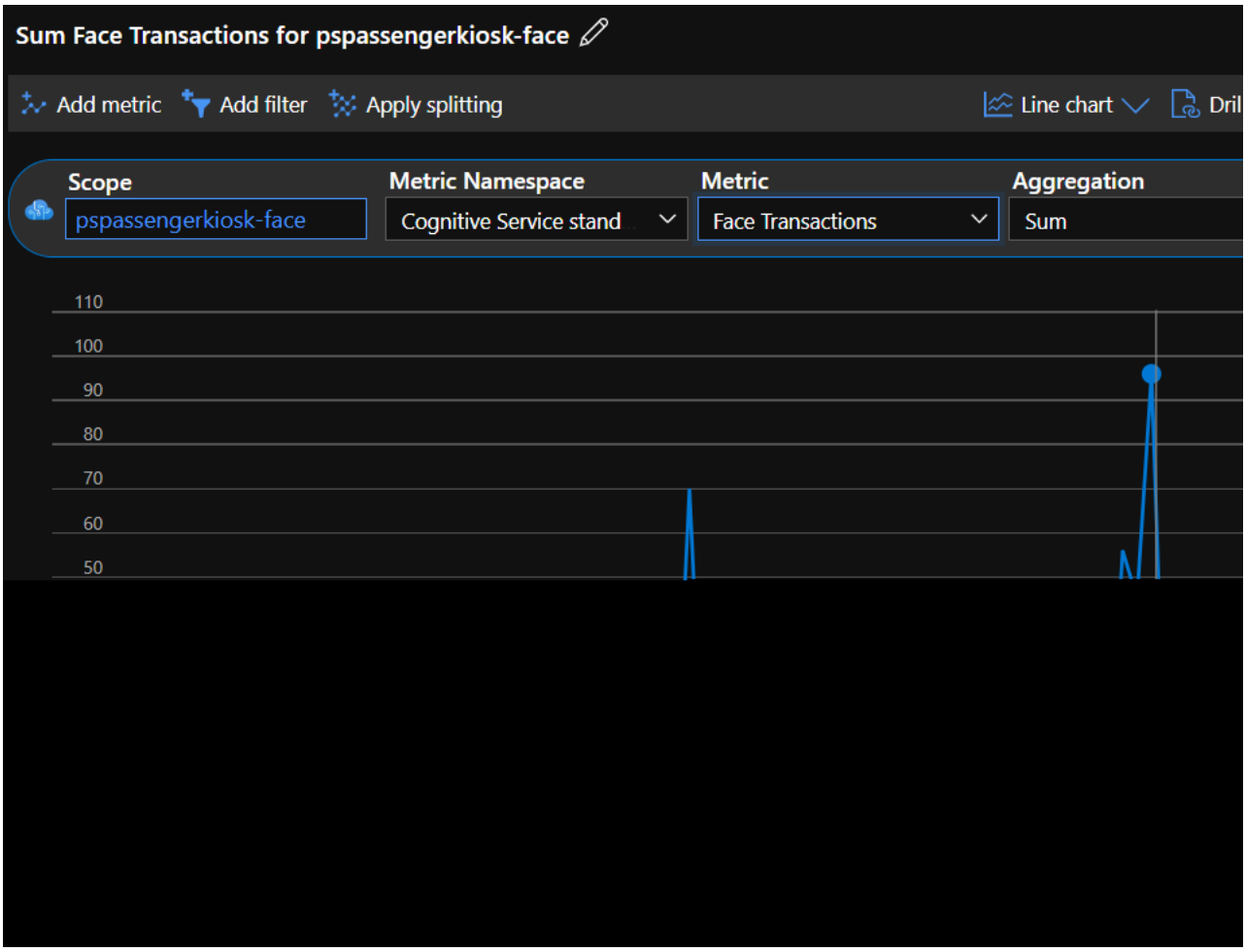
e) **gi i (i i**

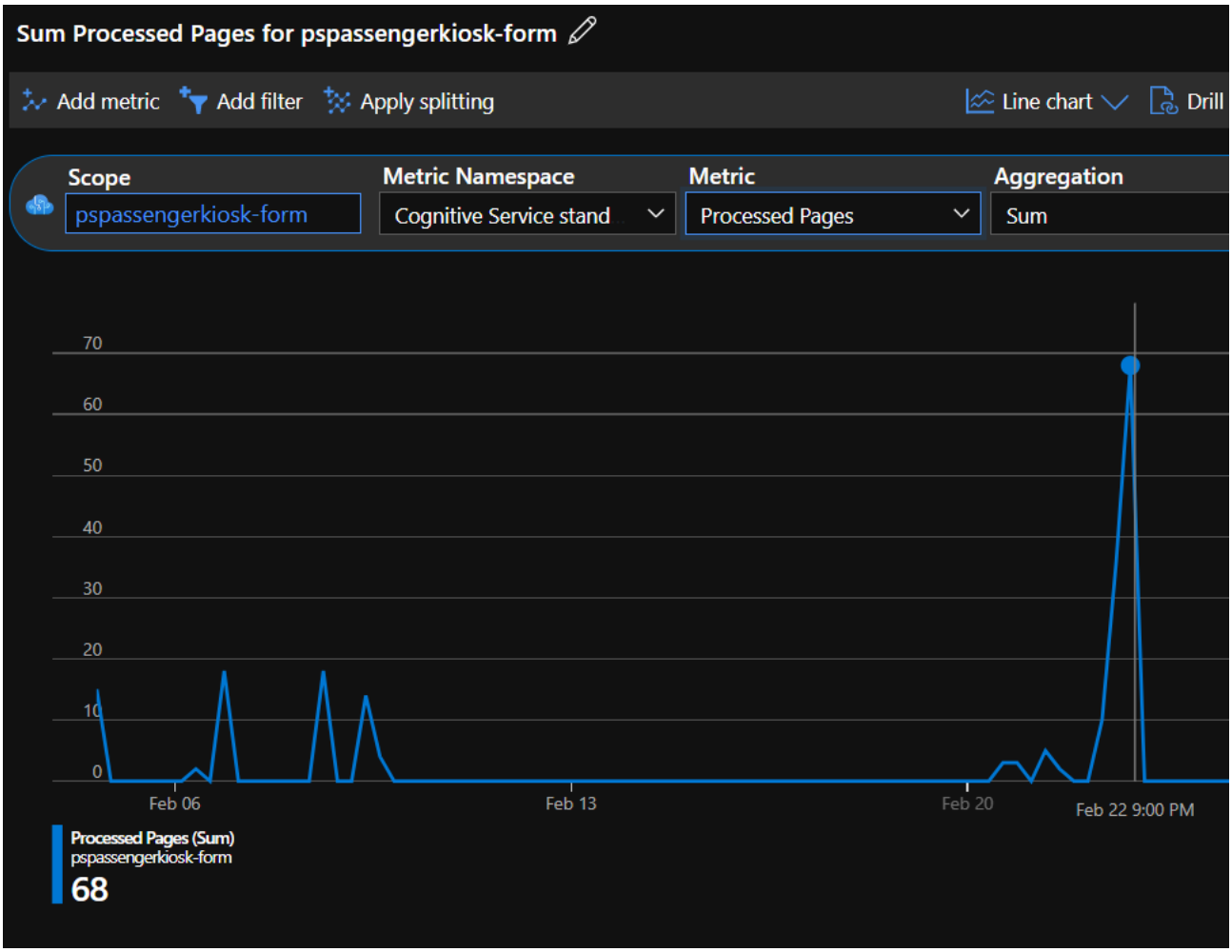

Version control
Source code
data versioning
dvc add data
dvc push
storage account
Passenger input
Extraction
Processing
Luggage
BytesIO
custom vision
lighter detection
detectModel
tag: lighter
objects
probabilities
validate
ID card
jpg
BytesIO
form recognizer
ID card
idModel
name
dob
validate
ID details
Passenger output
Passenger boarding
[Validation result]
BytesIO
face detection
face
ID photo
face
similarity
personal
flight manifest
Person live
mp4
video analyzer
face
thumbnails
Boarding pass
pdf
BytesIO
form recognizer
boarding pass
boardingModel
name
flight details
validate
boarding pass
flight manifest
csv
pd.DataFrame

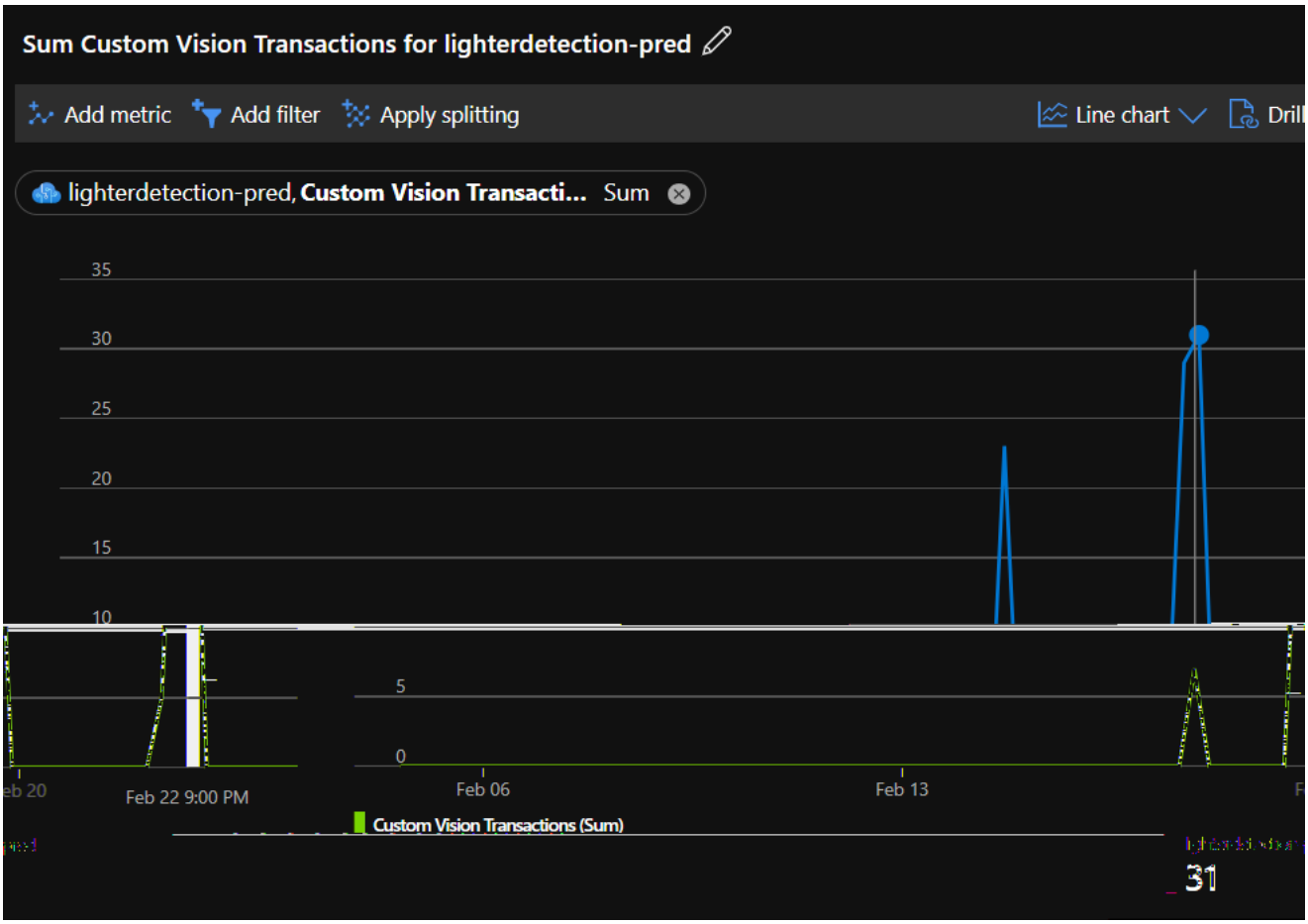

Resource visualizer
Choose resources
Reset diagram
Zoom to fit
Refresh
Feedback
lighterdetection-pred
Cognitive Service
lighterdetection-train
Cognitive Service
pspassengerkiosk-cv
Cognitive Service
pspassengerkiosk-face
Cognitive Service
pspassengerkiosk-form
psvideoanalyzerformedia
pspassengerkiosk
Storage account

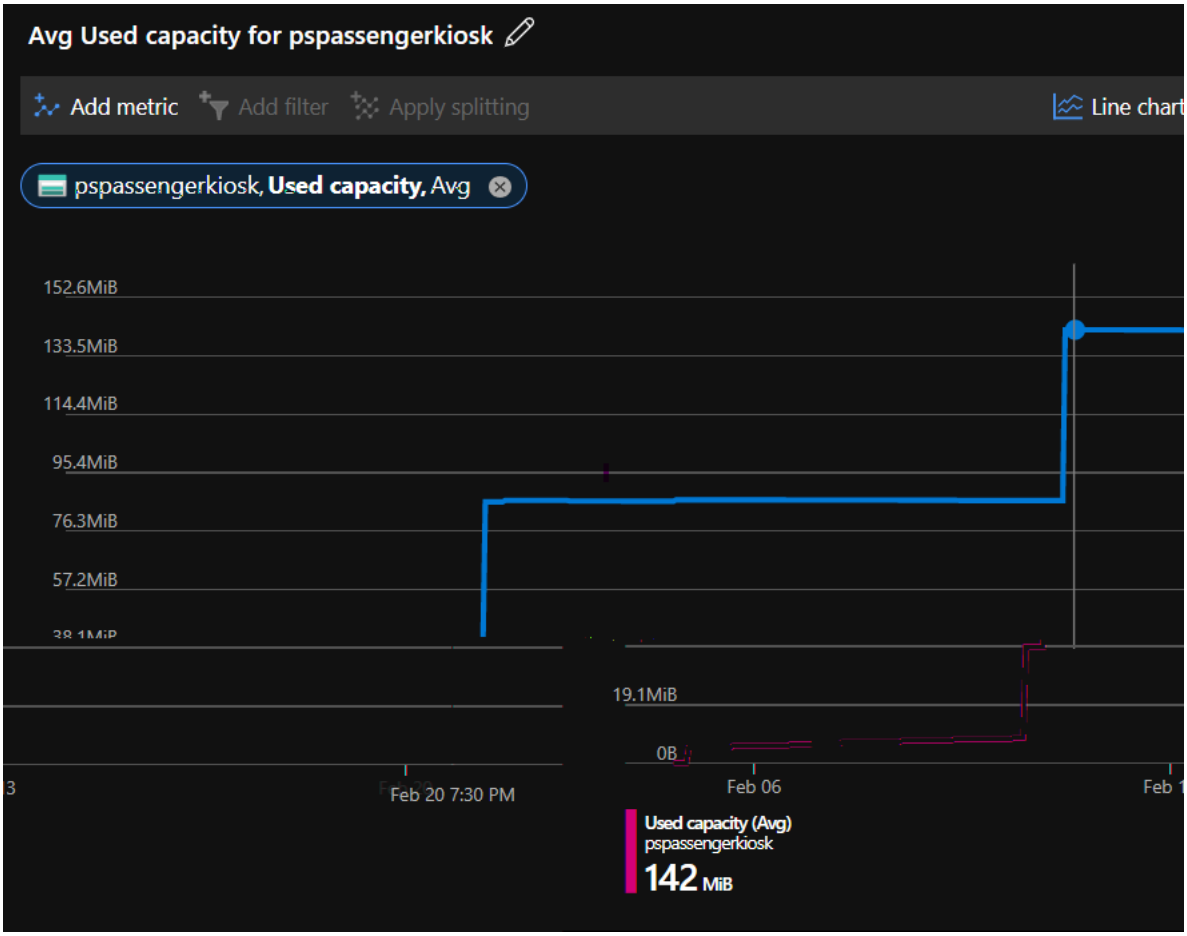
i i

i g i


Sum Face Transactions for pspassengerkiosk-face
Add metric
Add filter
Apply splitting
Line chart
Drill
Scope
pspassengerkiosk-face
Metric Namespace
Cognitive Service stand
Metric
Face Transactions
Aggregation
Sum
110
100
90
80
70
60
50


Sum Processed Pages for pspassengerkiosk-form
Add metric
Add filter
Apply splitting
Line chart
Drill
Scope
pspassengerkiosk-form
Metric Namespace
Cognitive Service stand
Metric
Processed Pages
Aggregation
Sum
70
60
50
40
30
20
10
0
Feb 06
Feb 13
Feb 20
Feb 22 9:00 PM
Processed Pages (Sum)
pspassengerkiosk-form
68


Sum Custom Vision Transactions for lighterdetection-pred
Add metric
Add filter
Apply splitting
Line chart
lighterdetection-pred, Custom Vision Transacti... Sum
35
30
25
20
15
10
5
0
Feb 22 9:00 PM
Feb 06
Feb 13
Custom Vision Transactions (Sum)
31


Avg Used capacity for pspassengerkiosk
Add metric
Add filter
Apply splitting
Line chart
pspassengerkiosk, Used capacity, Avg
152.6MiB
133.5MiB
114.4MiB
95.4MiB
76.3MiB
57.2MiB
19.1MiB
0B
Feb 20 7:30 PM
Feb 06
Used capacity (Avg)
pspassengerkiosk
142 MiB

Avg Asset count for psaiengineermediaservice
Add metric
Add filter
Apply splitting
Scope
psaiengineermediaservice
Metric Namespace
Media services standar
Metric
Asset count
3
2.50
2
1.50
1
0.50
0
Feb 06
Feb 11 3:00 AM
Feb 13
Feb 20
Asset count (Avg)
psaiengineermediaservice
3

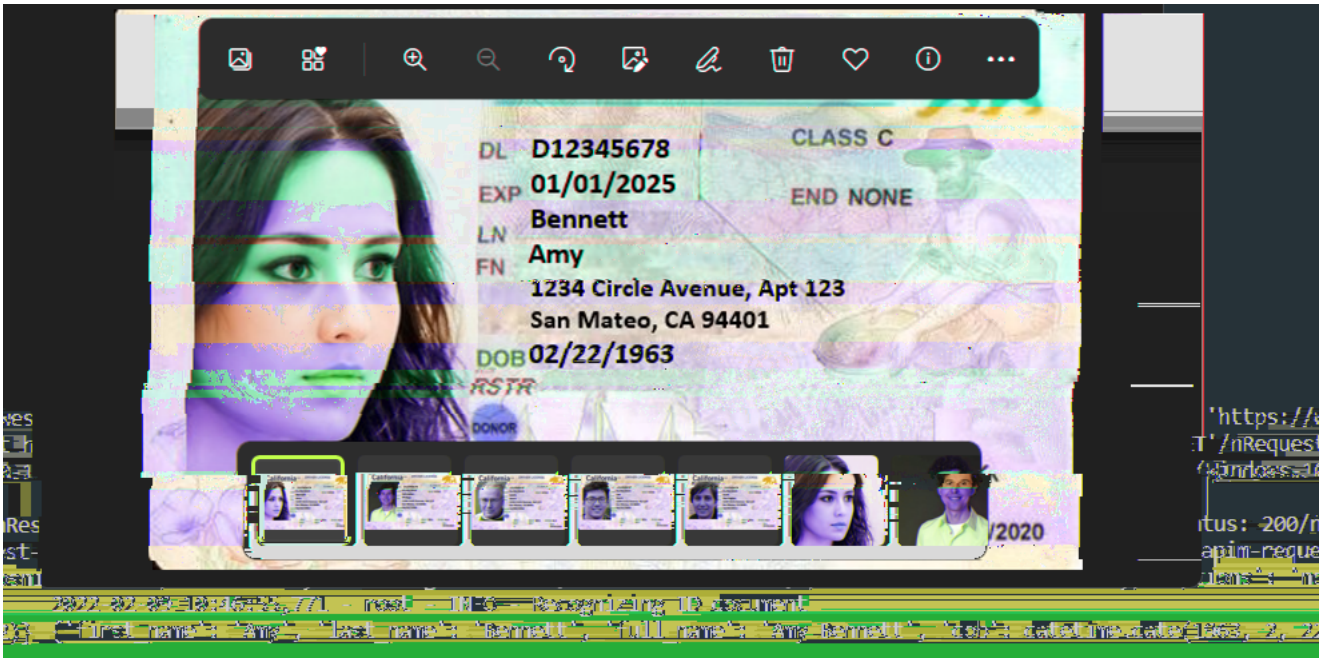
- [x]
- [x]
- [x]

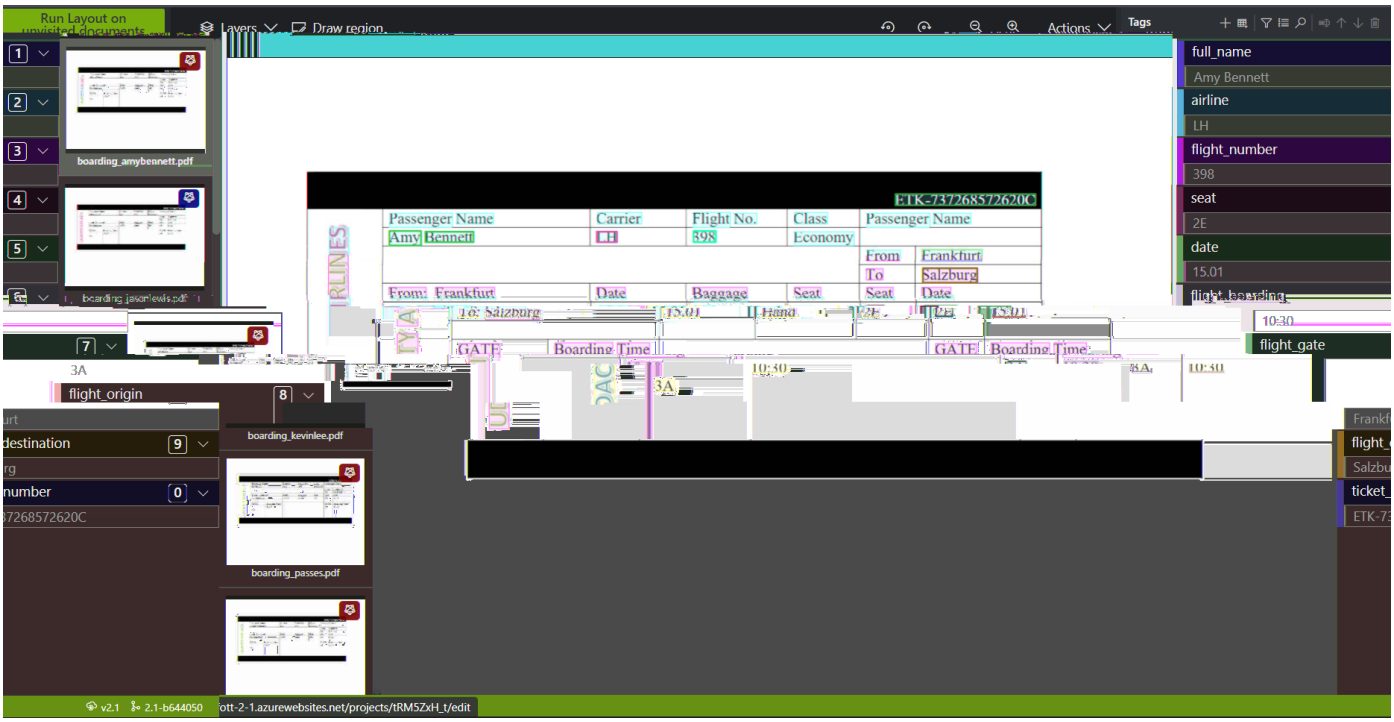
- [x]

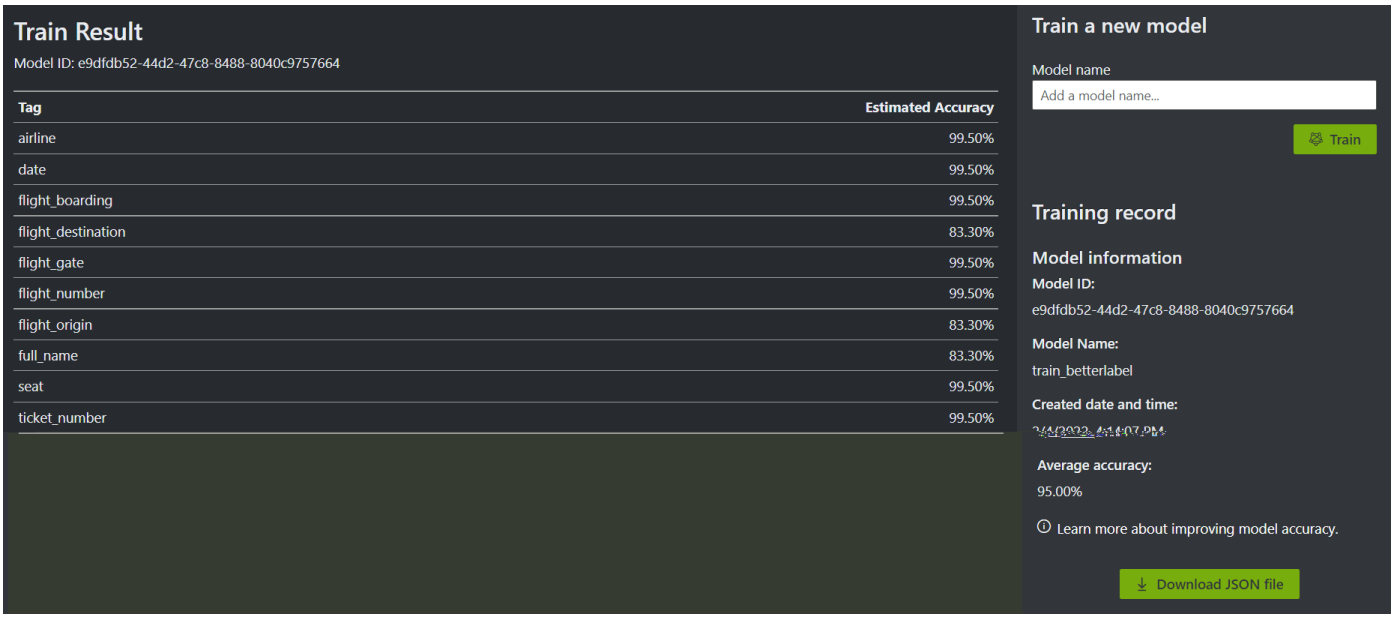
name	sex	birthdate	seat	valid_dob	valid_person	valid_luggage	valid_name	valid_boardingpass
Scott Harrington	M	2011-12-26	14A	True	False	False	True	True
Kevin Lee	M	1935-02-22	4A	True	False	False	True	True
Amy Bennett	F	1963-02-22	2E	True	False	False	True	True
Jason Lewis	M	1950-11-09	9B	True	False	True	True	True
Philipp Schmalen	M	1990-09-02	24F	True	True	False	True	True

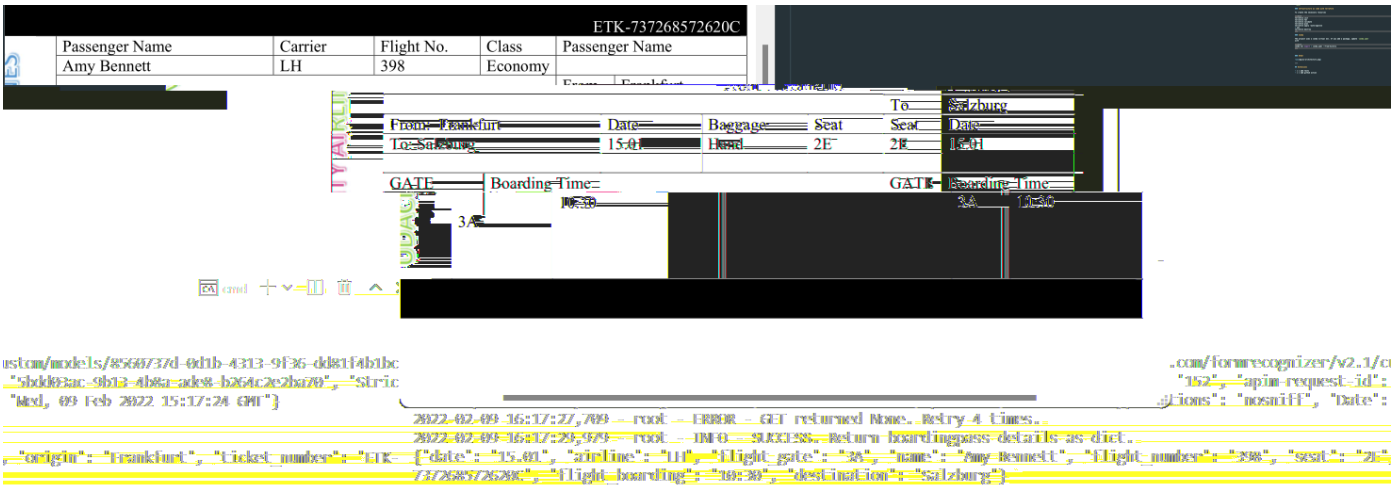
-

-
- %
-
-
-

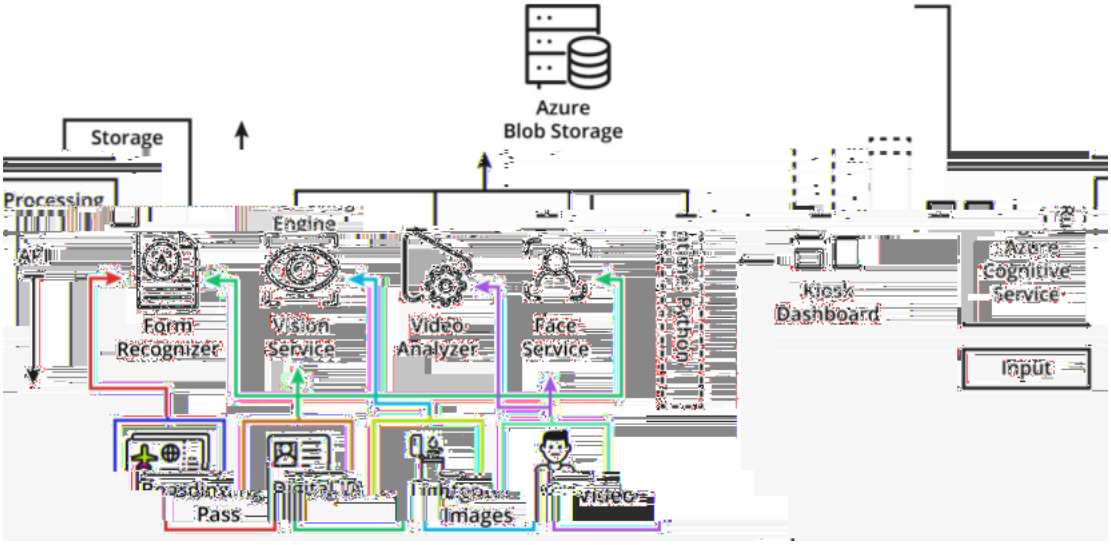

DL D12345678
CLASS C
EXP 01/01/2025
END NONE
LN Bennett
FN Amy
1234 Circle Avenue, Apt 123
San Mateo, CA 94401
DOB 02/22/1963
DONOR


Run Layout on
Layers
Draw region
Actions
Tags
full_name
Amy Bennett
airline
LH
flight_number
398
seat
2E
date
15.01
flight_boarding
10:30
flight_gate
boarding_amybennett.pdf
boarding_kevinlee.pdf
boarding_passes.pdf
flight_origin
destination
number
ETK-737268572620C
Passenger Name
Carrier
Flight No.
Class
Amy Bennett
LH
398
Economy
From Frankfurt
To Salzburg
From: Frankfurt
Date
Baggage
Seat
Gate
Boarding Time
16: Salzburg
15.01
Hand
2E
10:30
3A
v2.1
2.1-b644050


Train Result
Model ID: e9dfdb52-44d2-47c8-8488-8040c9757664
Tag
Estimated Accuracy
airline 99.50%
date 99.50%
flight_boarding 99.50%
flight_destination 83.30%
flight_gate 99.50%
flight_number 99.50%
flight_origin 83.30%
full_name 83.30%
seat 99.50%
ticket_number 99.50%
Train a new model
Model name
Add a model name...
Train
Training record
Model information
Model ID:
e9dfdb52-44d2-47c8-8488-8040c9757664
Model Name:
train_betterlabel
Created date and time:
Average accuracy:
95.00%
Learn more about improving model accuracy.
Download JSON file


ETK-737268572620C
Passenger Name
Carrier
Flight No.
Class
Passenger Name
Amy Bennett
LH
398
Economy
To
Salzburg
From
Frankfurt
Date
Baggage
Seat
Seat
Date
To
Salzburg
15:01
Hand
2E
2E
15:01
GATE
Boarding Time
GATE
Boarding Time
10:30
3A
3A
10:30
"Wed, 09 Feb 2022 15:17:24 GMT"}
2022-02-09 16:17:27,709 - root - ERROR - GET returned None. Retry 4 times.
2022-02-09 16:17:29,979 - root - INFO - SUCCESS. Return boardingpass details as dict.
{"date": "15.01", "airline": "LH", "flight_gate": "3A", "name": "Amy Bennett", "flight_number": "398", "seat": "2E"
"origin": "Frankfurt", "ticket_number": "ETK-
737268572620C", "flight_boarding": "10:30", "destination": "Salzburg"}

i i


Azure
Blob Storage
Storage
Processing
Engine
API
Form
Recognizer
Vision
Service
Video
Analyzer
Face
Service
Python
Kiosk
Dashboard
Azure
Cognitive
Service
Input
Pass
Images
Video