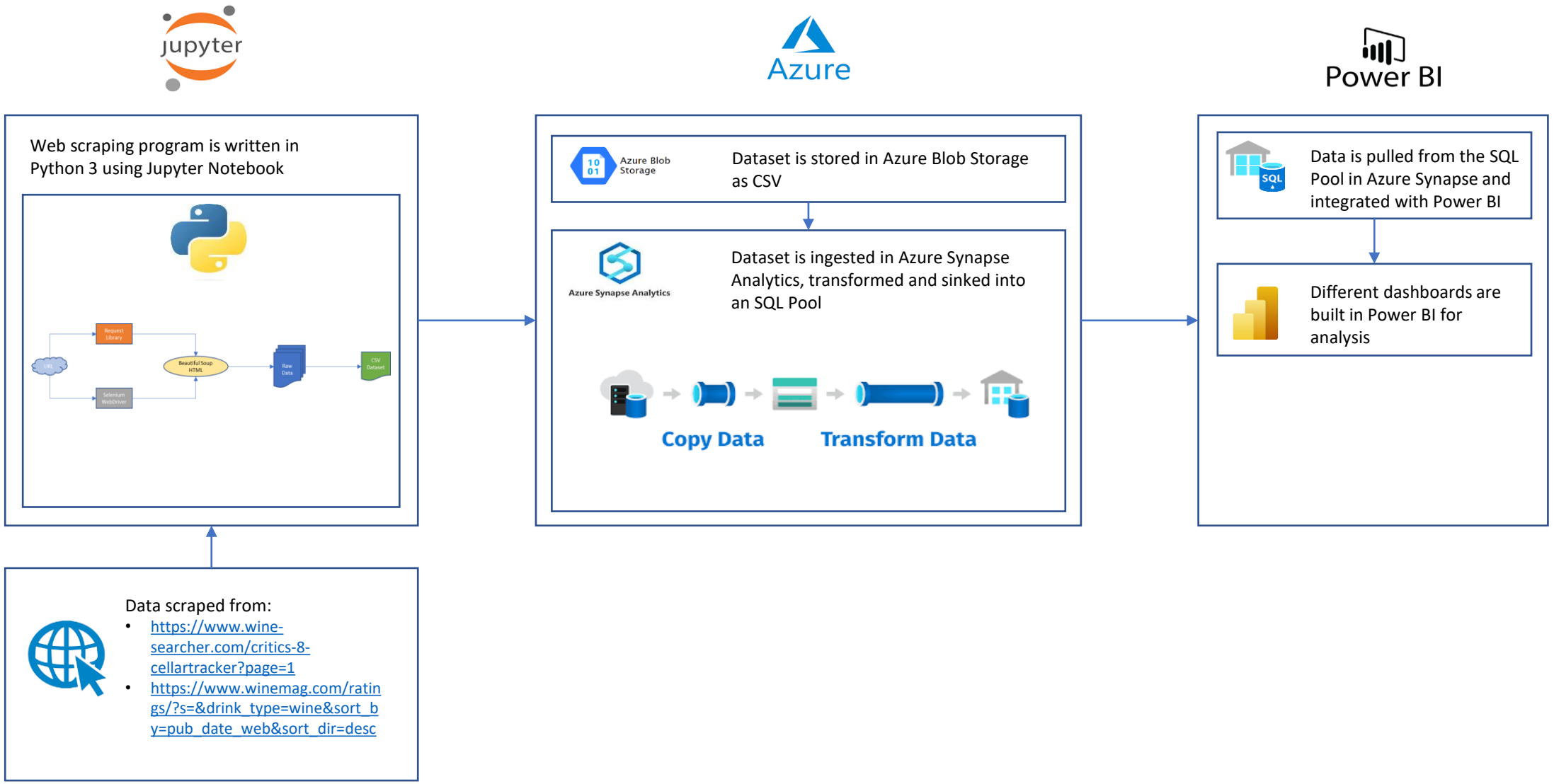
High Level Architecture:



Overview on the raw data scraped:

	Product_Name	Appellation	Rating	Price
0	Charles Heidsieck NV Champagne Charlie Brut (...	Champagne	100	$700
1	Stag's Leap Wine Cellars 2019 Fay Estate Grown...	Napa	100	$155
2	Marqués de Riscal 2016 150 Aniversario Gran Re...	Northern Spain	99	$60
3	Salon 2012 Le Mesnil Blanc de Blancs Brut Char...	Champagne	99	$992
4	Philipponnat 2013 Clos des Goisses Extra Brut ...	Champagne	99	$320
...	...	...	...	...
11099	Bodegas Franco-Españolas 2016 Royal Reserva Te...	Northern Spain	92	$45
11100	Cedarville 2019 Estate Grenache (El Dorado)	Sierra Foothills	92	$36
11101	Doña Paula 2018 Alluvia Parcel Bush Vines Malb...	Mendoza Province	92	$100
11102	El Enemigo 2017 Gran Enemigo El Cepillo Single...	Mendoza Province	92	$100
11103	V. Sattui 2017 Prestige Cuvée Blanc de Noir Sp...	Mendocino County	92	$52

11104 rows × 4 columns

	Scoring	Scale
0	98–100	Extraordinary
1	94–97	Outstanding
2	90–93	Very good
3	86–89	Good
4	80–85	Average
5	70–79	Below average
6	50–69	Avoid

The above dataset is scraped from 1850 pages

Azure Synapse Analytics Pipeline:

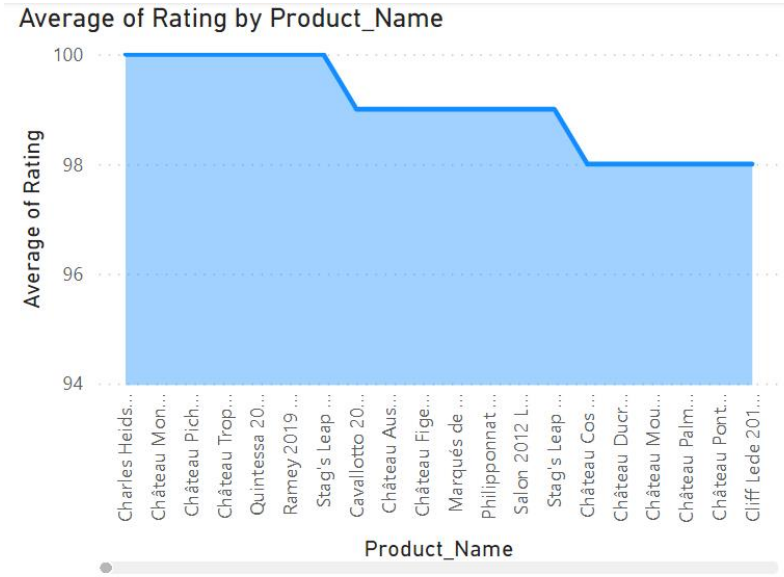
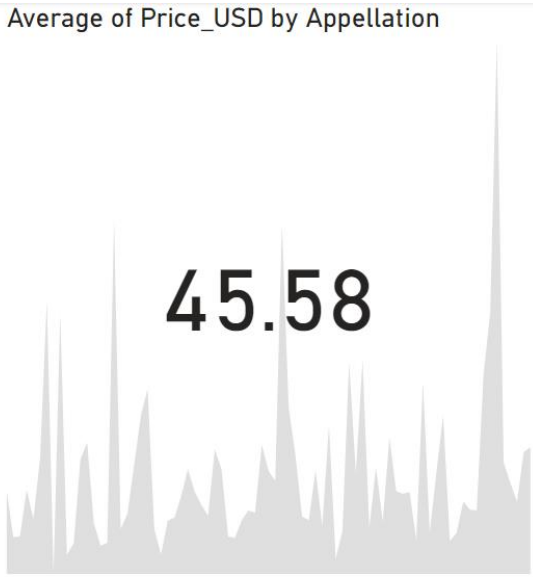
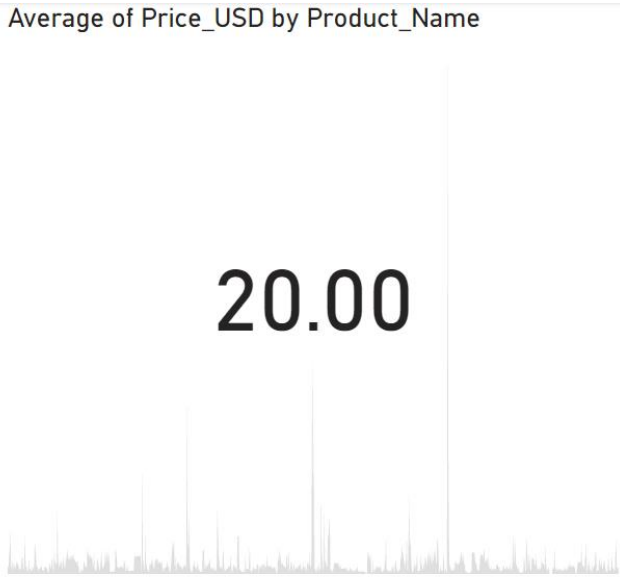
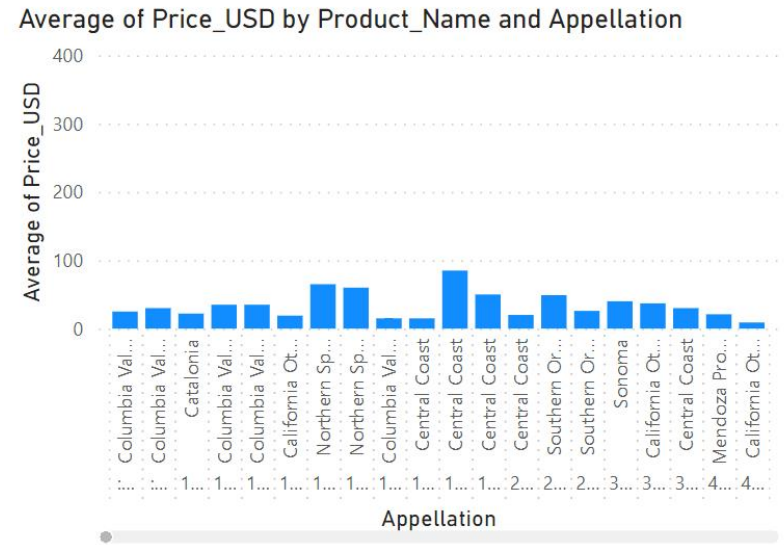
"**Data flow**" imports the CSV file sunk by the **Copy data** activity and performs an ETL

"**Copy data**" activity copies the dataset stored on Azure Blob Storage and sinks it into a CSV file

Extract, Transform, Load – The data is sunk in the dedicated SQL pool in Azure Synapse Analytics

Monitoring the triggered pipeline shows that it ran successfully

Pipeline name	Run start	Run end	Duration	Triggered by	Status	Error	Run
Pipeline 1	12/30/2022, 12:54:23 PM	12/30/2022, 1:01:42 PM	00:07:18	Manual trigger	Succeeded		Original

Data ingested into Power BI for visualization and analysis

Visualization: