

Kaggle API Sales Dataset ETL Project

- **Data Extraction:**

Utilized the Kaggle API to extract sales dataset, including transaction details, product information, and customer demographics, from Kaggle datasets.

- **Data Transformation:**

Conducted data cleansing and preprocessing to handle missing values, outliers, and inconsistencies, ensuring data integrity and quality.

- **Data Loading:**

Loaded the transformed sales data into Snowflake Data Warehouse, leveraging Snowflake's scalability and performance for efficient storage and retrieval.

- **Power BI Integration:**

Integrated Snowflake with Power BI to visualize and analyze sales performance, customer behavior, and market trends through interactive dashboards and reports.

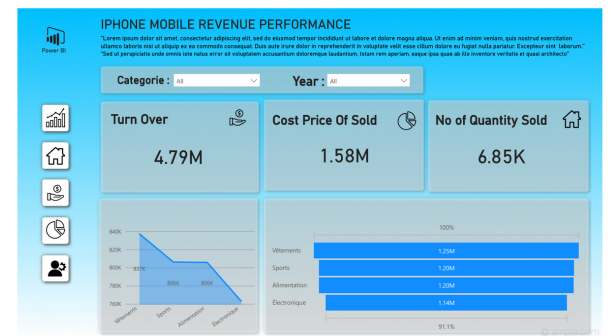
- **Outcome:**

Successfully deployed an end-to-end ETL pipeline for sales dataset, integrating Snowflake with Power BI to deliver comprehensive analytics solutions that drive business growth and profitability.

Final Result and Dash Board

The screenshot shows a table with columns: Order Date, Order ID, Product, Product Line, Category, Purchase Price, Quantity, Price Each, and Cost. It lists various electronic products like iPhones, headphones, and chargers with their respective sales data.

Order Date	Order ID	Product	Product Line	Category	Purchase Price	Quantity	Price Each	Cost
2019-01-22 21:23:00	141234	iPhone	56388893032.0	Women's	944 Walnut St, Boston, MA 02111	1	700.0	221.0
2019-01-28 14:16:00	141235	Lightning Charging Cable	590331051400.0	Alimentation	185 Maple St, Portland, OR 97003	1	14.95	7.475
2019-01-17 03:33:00	141236	Wireless Headphones	211973290220.0	Women's	338 Adams St, San Francisco, CA 94104	2	11.99	5.990
2019-01-05 20:33:00	141237	7.1in FHD Monitor	3889106709107.0	Sports	750 18th St, Los Angeles, CA 90006	1	140.99	87.40359
2019-01-25 11:09:00	141238	Wireless Headphones	96308893032.0	Electronique	387 18th St, Austin, TX 78701	1	11.99	5.995
2019-01-29 08:22:00	141239	AKA Batteries (4-pack)	2903868504100.0	Alimentation	775 Willow St, San Francisco, CA 94016	1	2.99	1.495
2019-01-26 12:16:00	141240	7.1in 4K Gaming Monitor	517879880900.0	Women's	979 Park St, Los Angeles, CA 90006	1	380.99	126.4967
2019-01-05 12:04:00	141241	USB-C Charging Cable	4603730477000.0	Women's	161 16th St, San Francisco, CA 94103	1	11.95	5.975
2019-01-01 18:34:00	141242	Base SoundSport Headphones	13884918177010.0	Electronique	867 Willow St, Los Angeles, CA	1	89.99	41.095



Kaggle Product Data API ETL Project(Microsoft Azure)

