UNIFIED MENTOR

BUSINESS ANALYST INTERNSHIP

Introduction

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Project Title: Data Governance and Security Dashboard using ESG Indicators

Tool Used: Power BI Desktop

Description

- Created an interactive dashboard using Power BI.
- Based on World Bank ESG data with filtering by metric, country, and year.
- Helps visualize trends and support decisions.

Information of Dataset

- ESGData.csv – ESG values by country, metric, year
- ESGCountry.csv – Country codes and names
- ESGSeries.csv – Metric codes, names, descriptions
- Preprocessing included unpivoting, data typing, and relationship creation.

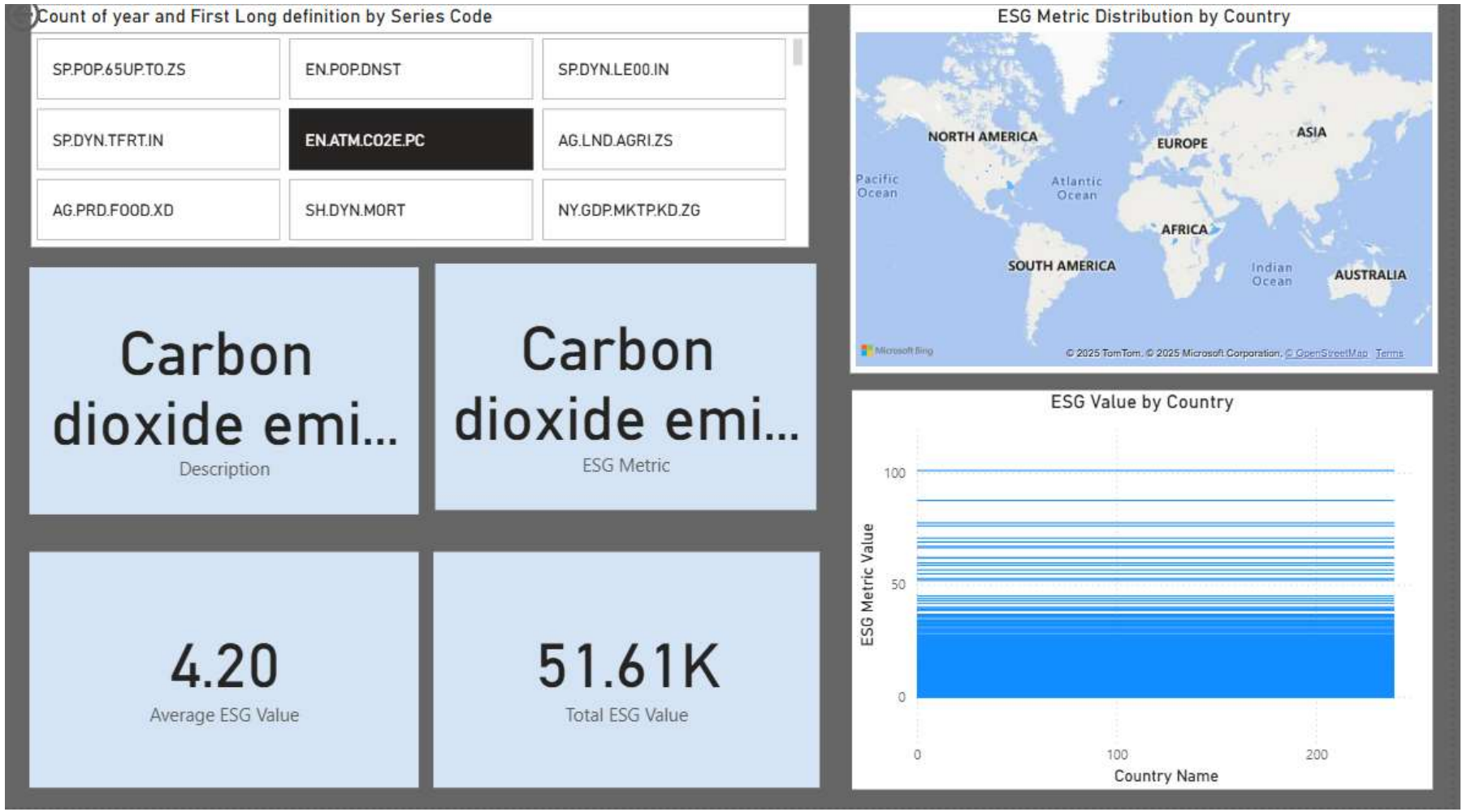
Methods / Technologies Used

- **Tool**: Power BI Desktop
- **Power Query**: for cleaning and unpivoting
- Relationships between Country Code and Series Code tables
- **DAX Measures**: Total ESG Value, Average ESG Value, Description, Selected Metric

Insights

- Dynamic filtering by country and metric.
- Geographic map shows country-level ESG distribution.
- KPIs summarize total and average ESG values.

Output (Dashboard Screenshot)



CONCLUSION

From the dashboard:

- **Map**: ESG distribution by country
- **Bar Chart**: ESG value by country
- **KPI Cards**: Metric, Description, Avg and Total Values
- Slicer for selecting ESG metric

• Dashboard provides clear ESG visibility.

• Easy comparison of metrics across countries.

• Supports sustainable, data-driven governance decisions.

Introduction

Project Title: Supply Chain Management Dashboard

Tool Used: Tableau Public Desktop

Problem Statement

- Lack of visibility into supply chain operations.
- Inefficiencies in stock, logistics, and supplier performance.

Description

- Dashboard created using Tableau for a fashion and beauty startup.
- Visualizes inventory, orders, supplier KPIs, shipping time, and costs.

Information of Dataset

- Dataset: supply_chain_data.csv (100 rows, 24 columns)
- Key Fields: SKU, Order Quantity, Shipping Time, Supplier, Costs, Defect Rate

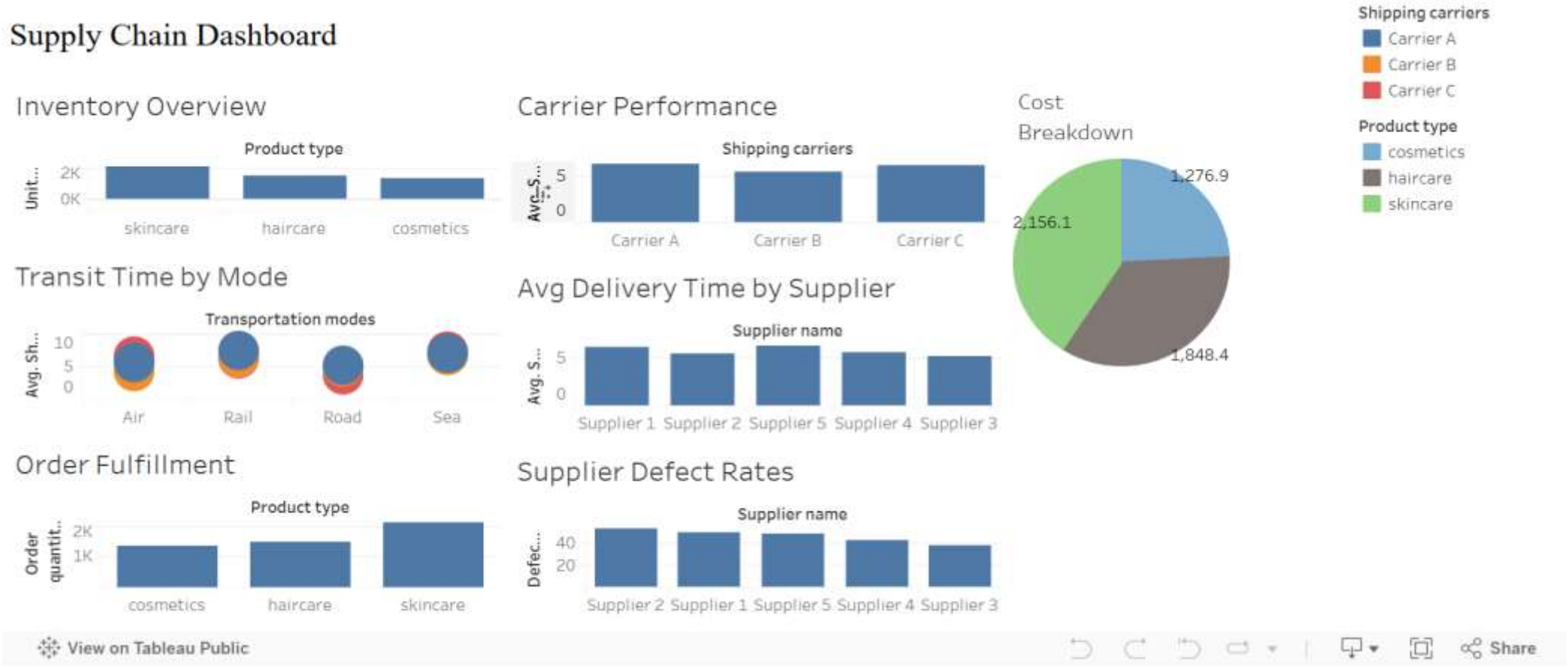
Methods / Technologies Used

- Tools: Tableau Public, Excel
- Charts: bar, pie, scatter, KPI charts
- Calculated Fields: Total Cost = Manufacturing + Shipping Cost
- Used tiled layout, filters, and interactive legends

Insights

- Balanced inventory across most categories.
- Suppliers differ in performance (defects, delays).
- Road transport is slowest; air is fastest.
- Costs vary significantly by product type.

Output (Dashboard Screenshot)



Conclusion

- Inventory and Order Fulfillment visuals
- **Supplier KPIs**: Defect rate, Delivery Time
- Transport Efficiency and Cost Breakdown

(Insert screenshot here)

- Full visibility into supply chain metrics.
- Enables informed, efficient operational decisions.
- Optimizes cost, performance, and logistics.

THANK YOU