

Vault-X Dashboard for the Official Tourism Board of a Middle-East Country

[Duration: 1+ Years | Team Size: 8]



Problem Statement

The client collected data from multiple disparate survey and operational systems, including visitor feedback, airline bookings, hotel stays, and experiences. However, inconsistencies, scattered formats, and a lack of a centralized cleansing mechanism led to data silos and delayed insights.

Azure Services Used

- Azure Data Factory
- Azure Data Lake Storage Gen2
- Synapse Serverless SQL Pools
- Azure SQL |
- Azure AD
- Dataiku

Benefits Delivered

Built robust data pipelines for ingesting and processing multi-source tourism data, reducing 40% time in generating insights across 1000+ data points

Enabled scalable, structured data preparation using Dataiku

Solution Approach

Vault-X Dashboard

- **Consolidated Data Sources:** Collected and cleansed data from surveys, APIs, and internal systems
- **Centralized Storage:** Loaded cleaned data into RDMS with scheduled batch processing
- **Standardized Formats:** Unified multiple survey systems into a single structured data layer
- **Prepared for Dashboard:** Aggregated, filtered, and structured inputs in Dataiku for seamless dashboard integration

Automated batch jobs for periodic data extraction, transformation, and loading (ETL)

About Straive

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