

Power BI Report Technical Documentation about supply chain

1. Report Overview

This document provides the technical details of the Power BI report. It includes data sources, data model structure, measures, visualizations, and report pages.

2. Data Sources

List of data sources used in the report:

- Source 1 (excel)
- Source 2 (phyton)
- Source 3 (power pi)

3 . Data cleaning

Make sure that is no missing data , change data type from flot to integer .

3. Data Model

3.1 Tables and Fields

Describe tables and key fields here.

- Divide table into dimensions ;

(product Dim , customer Demographic , shipping carriers , supplier Dim , location Dim , inspection results Dim , Transportation Dim , Routes Dim)

3.2 Relationships

Document table relationships here.

Example: one to many

4. Measures and Calculated Columns

List of important DAX measures and calculated columns.

most & min product sold , most & least city orderd , most & min trans mode , max price by product type ,map , sum of order by inspection result , price by location , sum of shipping costs by product type , profits , Revenues , shipping costs , product sold by type , location ,transportation mode , product sold bu customer , slicer (product type , transportation , customer, location , table , min revenue sum of order Quantities , shipping carrier , sum of lead time by tran mode , reneue generation . supply chain , sum number of product , female & Male order .

5. Visualizations

Page 1 : cards , map , line and water fall, ribbon

Page 2 : cards , map , pie , donut , stacked

Page 3 : slicer , table

Page 4: cards , radar card , line &stacked , Gauge ,

Page 5 : stacked area , Decomposition tree

8. Notes and Assumptions

Document any notes, assumptions, or limitations of the report.

Team name : Norhan Shoukry

Yasmine Sayed

Mostafa abdellatif

Ahmed mohamed