Power Bi Projects

Project 1 :- Airport Authority Data Analysis

The Airport Authority Data Analysis project aims to provide a clear picture of all the significant airport data. The total number of flights (incoming and departing flights), the total number of flight delays (arrivals and departures), ground processing time, and the passenger feedback section can all be included in the summary page of this project's dashboard. In case of flight changes, emergencies, or delays, this analysis could assist airport management authorities in making timely data-driven choices. For flight analysis, you can use Power BI visualization options like Cards, Bar Charts, Flow Maps, TreeMaps, and Tornado Charts. For passenger feedback, you might prefer to use Bar Charts, Column Charts, or Cards.

Project 2:- Construction Permit Data Analysis

The project idea is to help construction firms better understand the industry by allowing them to dig deeper into the specifics and research relevant incidents. You can focus your project on details such as investment growth over time, investment concentrations in specific areas if the investment is impacted by Category, Contractor, or Individual, market status, and which categories, individuals, and permits are driving the market.

Project 3:- Cancer Analytics Power BI Report

The Cancer Analytics report offers a brief overview and a thorough analysis of cancer patients in the US. It enables you to evaluate the mortality rates of each type of cancer, divided according to several factors. You can use the Cancer Analytics Dashboard to make well-informed decisions about the growing number of cancer patients in America.

Project 4:- Construction Permit Data Analysis

The project idea is to help construction firms better understand the industry by allowing them to dig deeper into the specifics and research relevant incidents. You can focus your project on details such as investment growth over time, investment concentrations in specific areas if the investment is impacted by Category, Contractor, or Individual, market status, and which categories, individuals, and permits are driving the market.

Project 5:- Life Expectancy Data Analysis

This project will analyze life expectancy data by looking at factors such as immunizations, mortality, finances, social factors, and other health-related issues. It will

make it easier for a country to identify the predicting factor contributing to a lower life expectancy value. This will also aid in recommending to a country which areas should be prioritized to effectively raise the population's life expectancy.

Use the life expectancy dataset by WHO on Kaggle for Life Expectancy Data Analysis. Power BI visualization types such as Gauge Charts, Pie Charts, Line Charts, and Point Maps can be used for the overview page, while Tornado Charts, Doughnut Charts, Treemaps can be used for depicting country-wise data, etc.