

# ARCHITECTURE DESIGN

## Analyzing Swiggy: Bangalore Delivery Outlet

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## Document Version Control

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# 1. Introduction

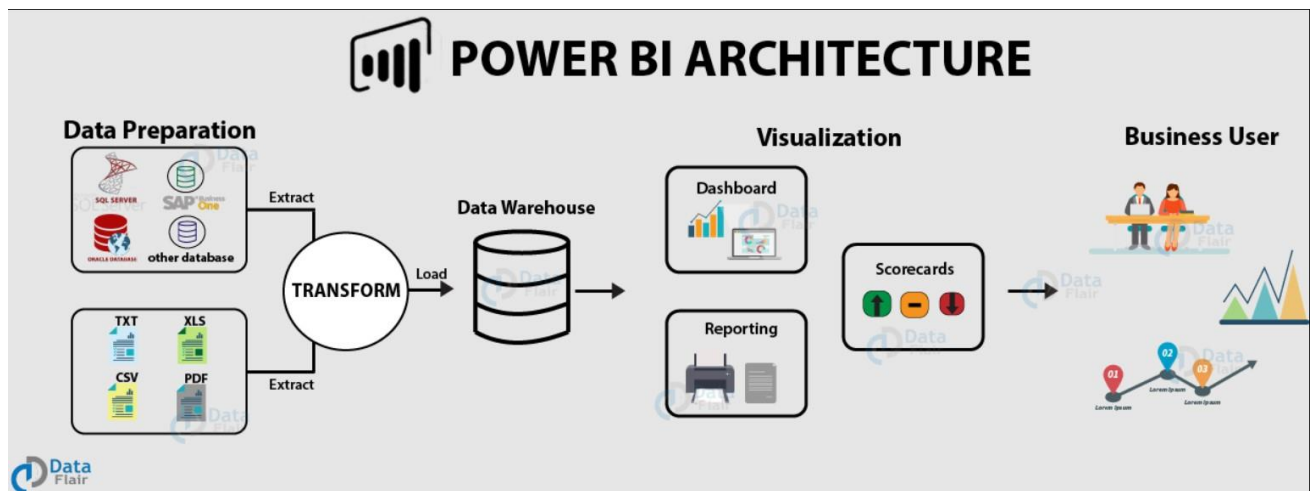
## 1.1 Why this Architecture design document?

The purpose of this document is to provide a detailed architecture design of the ANALYZING SWIGGY Project by focusing on each of the attributes of our architecture. This document will address the background of this project, and the architecturally significant function requirements. The intension of this document is to help the development team to determine how the system will be structured at the highest level.

## 1.2 Scope

Architecture Design Document (ADD) is an architecture design process that follows a step-by-step refinement process. The process can be used for designing data structures, required software architecture, source code and ultimately, performance algorithms. Overall, the design principles may be defined during requirement analysis and then refined during architectural design work.

## 2. Power Bi Architecture



### 2.1 Architecture Description –

#### 2.1.1 Data Importing –

In Power BI, you can connect to or import data and reports from these types of files:

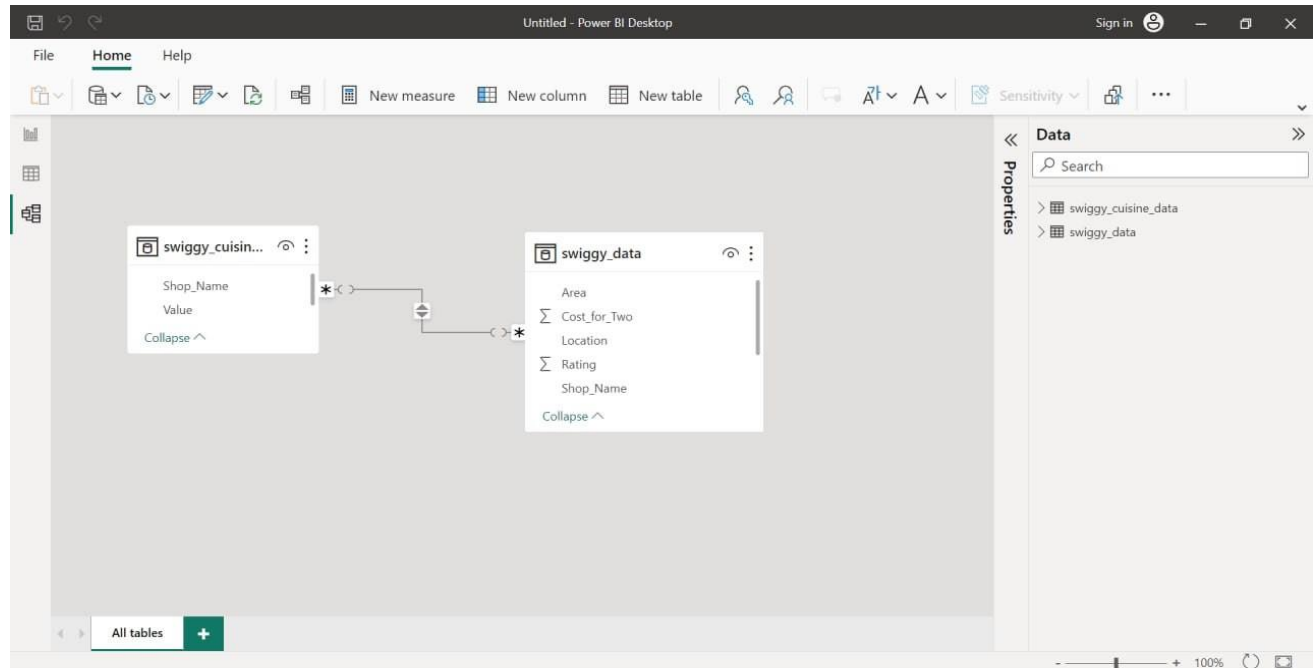
- Microsoft Excel *.xlsx* and *.xlsm* files
- Power BI Desktop *.pbix* report files
- Comma-separated value (CSV) *.csv* files

#### 2.1.2 Data Transformation –

Power BI Transform Data step in the Power BI Query Editor, you need to navigate to Choose Columns, Remove Columns, Keep Rows, and Remove Rows options as mentioned under the Home tab. By leveraging these Power BI Transform Data options, you can easily look to remove some of the unwanted data.

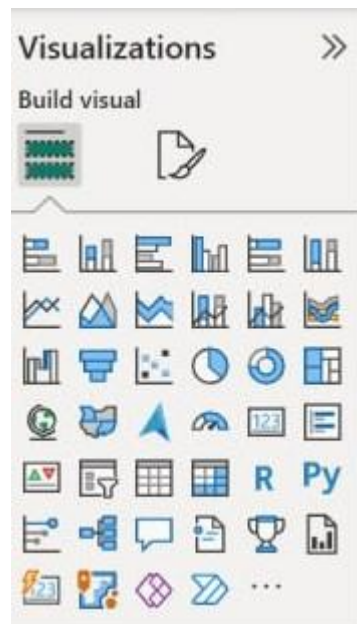
#### 2.1.3 Data Modelling–

Data modeling is the process of creating a visual representation of either a whole information system or parts of it to communicate connections between data points and structures.



#### 2.1.4 Creating Visuals in power bi –

- [Line Charts](#)
- [Bar Charts](#)
- [Area Charts](#)
- [Columns Charts](#)
- [Cards](#)
- [Combo Charts](#)
- [Pie Charts](#)
- [Doughnut Charts](#)
- [Decomposition Tree](#)
- [Funnel Charts](#)
- [KPIs](#)
- [Gauge Charts](#)
- [Waterfall Charts](#)
- [Maps](#)
- [Matrix](#)



## 2.1.5 Power Bi Dashboard -

