# ANALYSIS SWIGGY:
# BANGALORE DELIVERY OUTLET DATA

## Low Level Design
## ( LLD)

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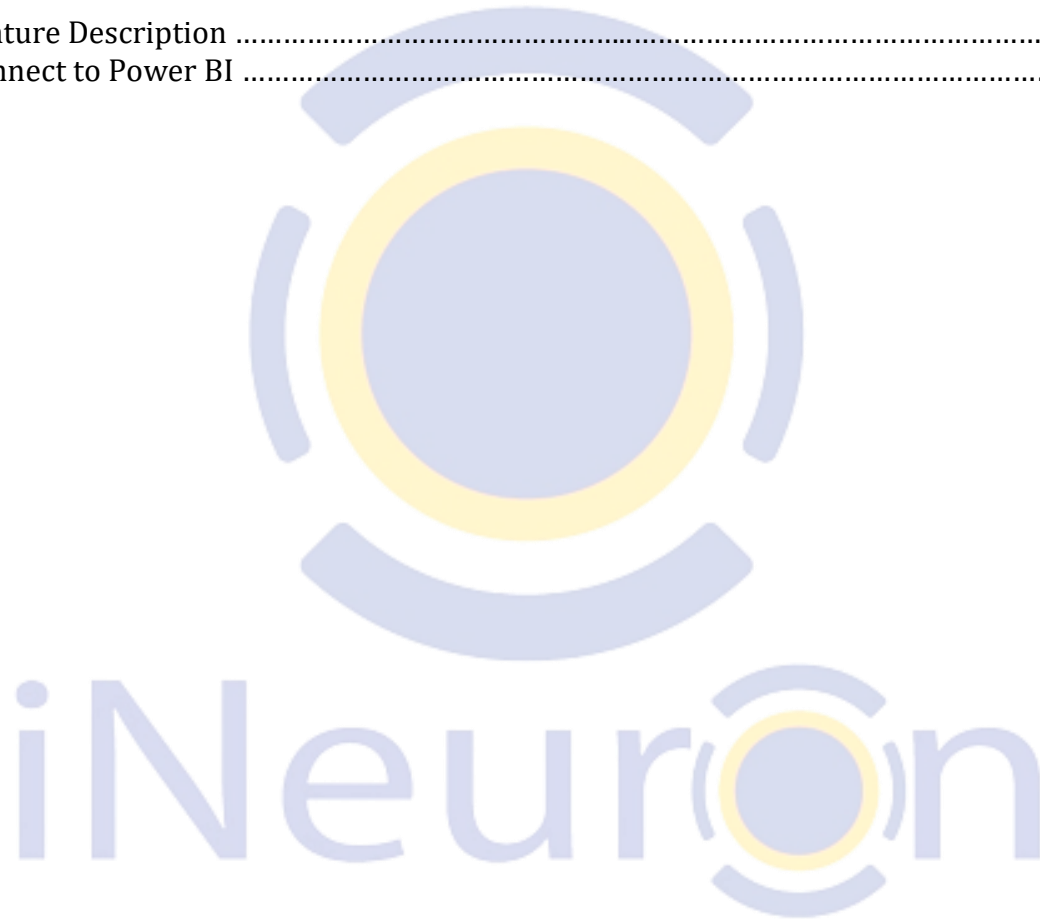E-mail: gl0427@myamu.ac.in

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# Analysis Swiggy: Bangalore Delivery Outlet High Level Design

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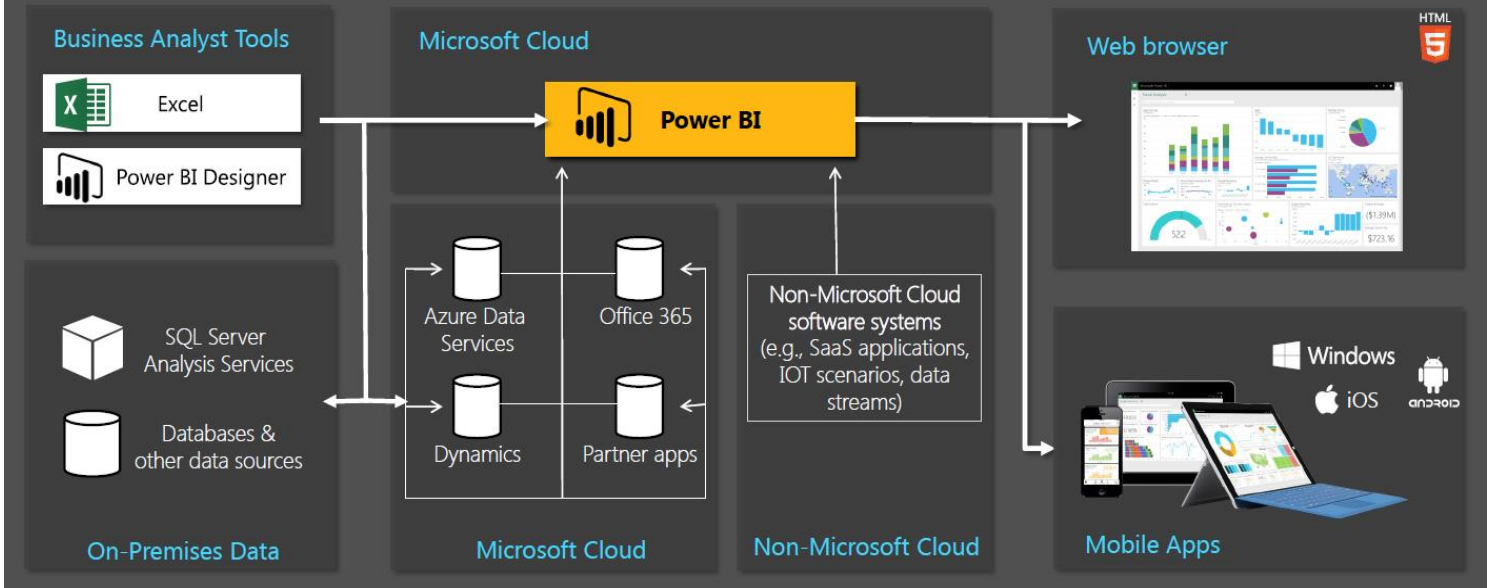            | **Mohammad Wasiq** | gl0427@myamu.ac.in |

## 1      Problem Statement

The online food ordering market includes foods prepared by restaurants, prepared by independent people, and groceries being ordered online and then picked up or delivered. The first online food ordering service, World Wide Waiter (now known as Waiter.com), was founded in 1995. Online food ordering is the process of ordering food from a website or other application. The product can be either ready-to-eat food or food that has not been specially prepared for direction consumption.

## 2      Scope

The aim of this project is to find out who is the best restaurants, highest rating, cost, cuisine cost, expensive restaurants with respective areas. There are four dashboards showing Shop name with rating, Cost of cuisines, Places in different professions. Dashboards show in which area the expensive restaurants are there, what is rating, what all items available, etc. so that each and every one can analyse which restaurant is the best according to cost and ratings.

## 3    Architecture



- **Power Query:**

  Power Query is a data transformation and preparation engine. Power Query comes with a graphical interface for getting data from sources and a Power Query Editor for applying transformation.

- **Power Pivot:**

  Power Pivot is used to model the data and perform more complex calculations than Excel can handle. Power Pivot is great when working with huge data sets.

- **Power View:**

  Power View is a data visualization technology that create interactive charts, graphs, maps, and other visuals that bring data to life. Power View is available in Excel, SharePoint, SQL Server, and Power BI.

- **Power Map:**

  Microsoft Power Map for Excel is a three-dimensional (3-D) data visualization tool that look at information in new ways. A power map discover insights might not see in traditional two-dimensional (2-D) tables and charts.

- **Power BI Desktop:**

Power BI Desktop is built for the analyst. It combines state-of-the-art interactive visualizations, with industry-leading data query and modelling built-in. Create and publish reports to Power BI. Power BI Desktop helps empower others with timely critical insights, anytime, anywhere.

- **Power BI Services:**

  Power BI service is the Software as a Service (SaaS) part of Power BI. It is known as Power BI Online. To access Power BI Service, you need to log in to Power BI service.

- **Power Q&A:**

  The Power Q&A feature in Power BI explores data in your own words. The first part of this article shows how you use Q&A in dashboards in the Power BI service. The second part shows what you can do with Q&A when creating reports in either the Power BI service or Power BI Desktop.

# 4 Data Description

As we have seen earlier, in our Swiggy dataset, we have around 118 records with 5 different features. Features are distributed as 2 Continuous features and 3 Categorical features. These datasets are given in the form of Comma Separated Values).csv) format.

# 5 Features Description

- Shop_Name: name of the shop and its data type is text.

- Cuisine: Food name which are available in shop and its data type is text.

- Location: Location where shops are located and its data type is text.

- Rating: It's a rating of shop and its datatype is numeric.

- Cost_of_two: It is a cost of two Cuisine and its data type is numeric.

| Shop_Name | Cuisine | Location | Rating | Cost_for_Two |
|---|---|---|---|---|
| Kanti Sweets | Sweets | Koramangala, Koramangala | 4.3 | â¹ 150 |
| Mumbai Tiffin | North Indian, Home Food, Thalis, Combo | Sector 5, HSR | 4.4 | â¹ 400 |
| Sri Krishna sagar | South Indian, North Indian, Fast Food, Beverages, Jain | 6th Block, Koramangala | 4.1 | â¹ 126 |
| Al Daaz | American, Arabian, Chinese, Desserts, Fast Food, Mughlai, North Indian | HSR, HSR | 4.4 | â¹ 400 |
| Beijing Bites | Chinese, Thai | 5th Block, Koramangala | 4.1 | â¹ 450 |
| Kitchens of Punjab | North Indian | Koramangala 4th Block, Koramangala | 4.2 | â¹ 350 |
| 99 VARIETY DOSA AND PAV BHAJI- Malli Mane Food Court | Fast Food, North Indian, Chinese | BTM 2nd Stage, BTM | 4.1 | â¹ 200 |
| La Pino'z Pizza | Italian | BTM, BTM | 3.9 | â¹ 500 |
| Hotel Manu | South Indian, Kerala, Chinese, North Indian | HSR, HSR | 4.1 | â¹ 350 |
| Yumlane Pizza | Pizzas, Italian, Mexican | 9th Main road, Koramangala | 3.8 | â¹ 150 |
| Ambur Star Briyani | Chinese, South Indian, North Indian, Desserts, Fast Food, Kerala, Andhra, Beverages, Mughlai, Seafood | outer ring road, BTM | 4.1 | â¹ 500 |
| Cake Box | Desserts | Koramangala, Koramangala | 4 | â¹ 247 |
| Meghana Foods | Chinese, Andhra, Biryani, Seafood | 5th Block, Koramangala | 4.3 | â¹ 550 |
| Momoz | Chinese | 5th Block, Koramangala | 4.3 | â¹ 450 |
| A2B - Adyar Ananda Bhavan | South Indian, Chinese, Desserts, North Indian | 7th Block, Koramangala | 4.2 | â¹ 450 |
| Shawarma Inc | Arabian, Fast Food | 1st MAin, Koramangala | 4.1 | â¹ 150 |
| WarmOven Cake & Desserts | Desserts, Beverages | Koramangala, Koramangala | 4.1 | â¹ 200 |
| Sri Lakshmi Dhaba | North Indian | Bommanahalli, BTM | 3.7 | â¹ 200 |
| Falahaar & Kota Kachori | North Indian | 6th block, Koramangala | 4.2 | â¹ 300 |
| Shree Khana Khazana | Indian, Rajasthani | Sector 4, HSR | 4.1 | â¹ 350 |
| Just Bake - Cakes & confectioners | Desserts, Bakery | BTM 1st stage, BTM | 4.3 | â¹ 300 |
| Maa Di Hatti | Chinese, Healthy Food, North Indian | Jakkasandra Extn, Koramangala | 4 | â¹ 129 |
| Hotel Godavari | North Indian, Chinese, Hyderabadi | Marutinagar Main Road, BTM | 4 | â¹ 400 |
| Rolls On Wheels | Fast Food | 1st Block, Koramangala | 4.1 | â¹ 300 |
| New Udupi Grand | Chinese, Jain, North Indian, South Indian | HSR, HSR | 4.3 | â¹ 150 |
| Swad Punjab da | Indian | BTM, BTM | 4.1 | â¹ 250 |

## 6 Connect to Power BI