Low Level Design

# Amazon Sales Data Analysis

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**DOCUMENT CONTROL**

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# Introduction

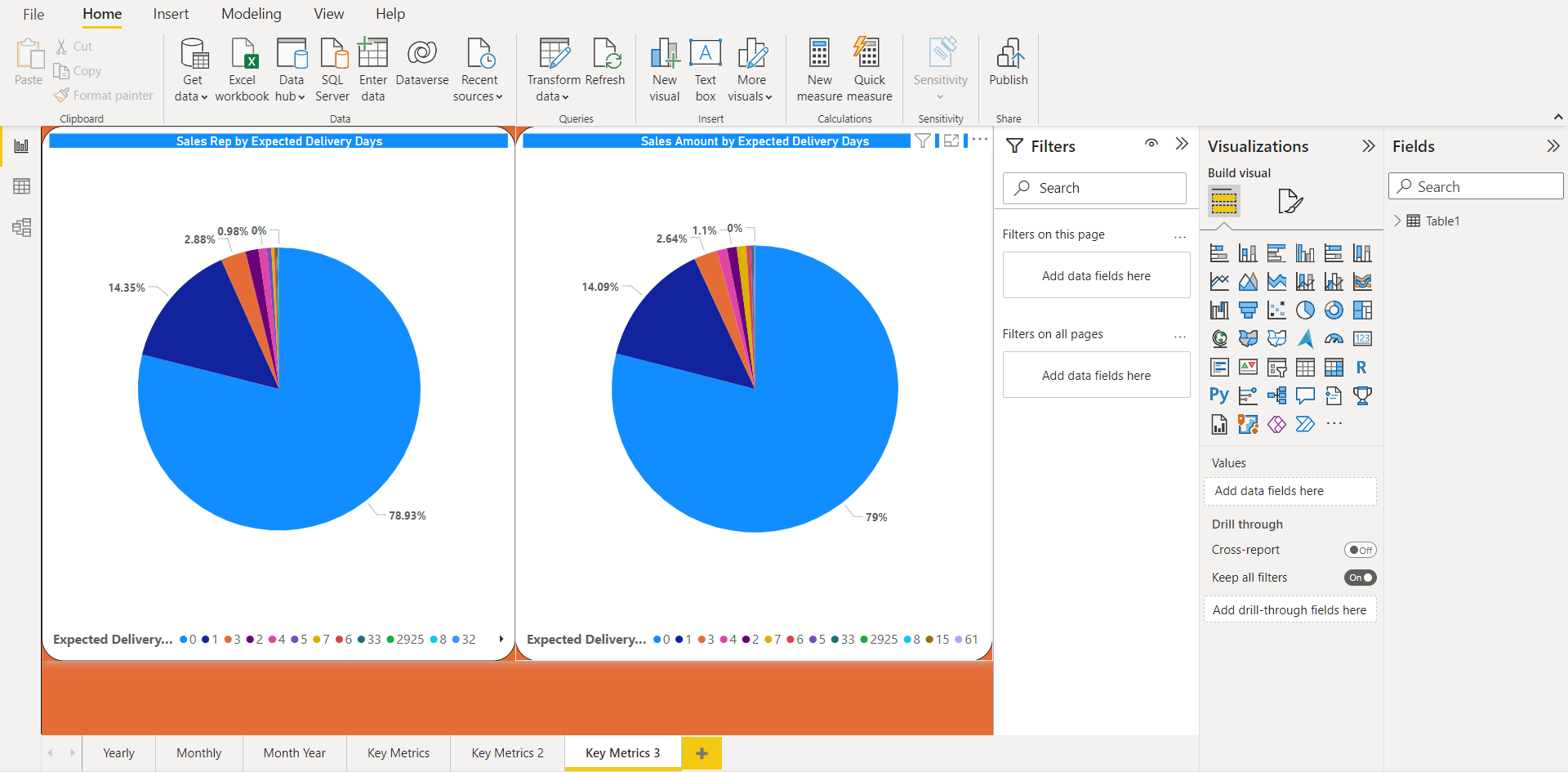
## What is Low-Level design document?

The goal of the LDD or Low-level design document (LLDD) is to give the internal logic design of the actual program code for the House Price Prediction dashboard. LDD describes the class diagrams with the methods and relations between classes and programs specs. It describes the modules so that the programmer can directly code the program from the document.

## Scope

Low-level design (LLD) is a component-level 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 data organization may be defined during requirement analysis and then refined during data design work.

# Architecture

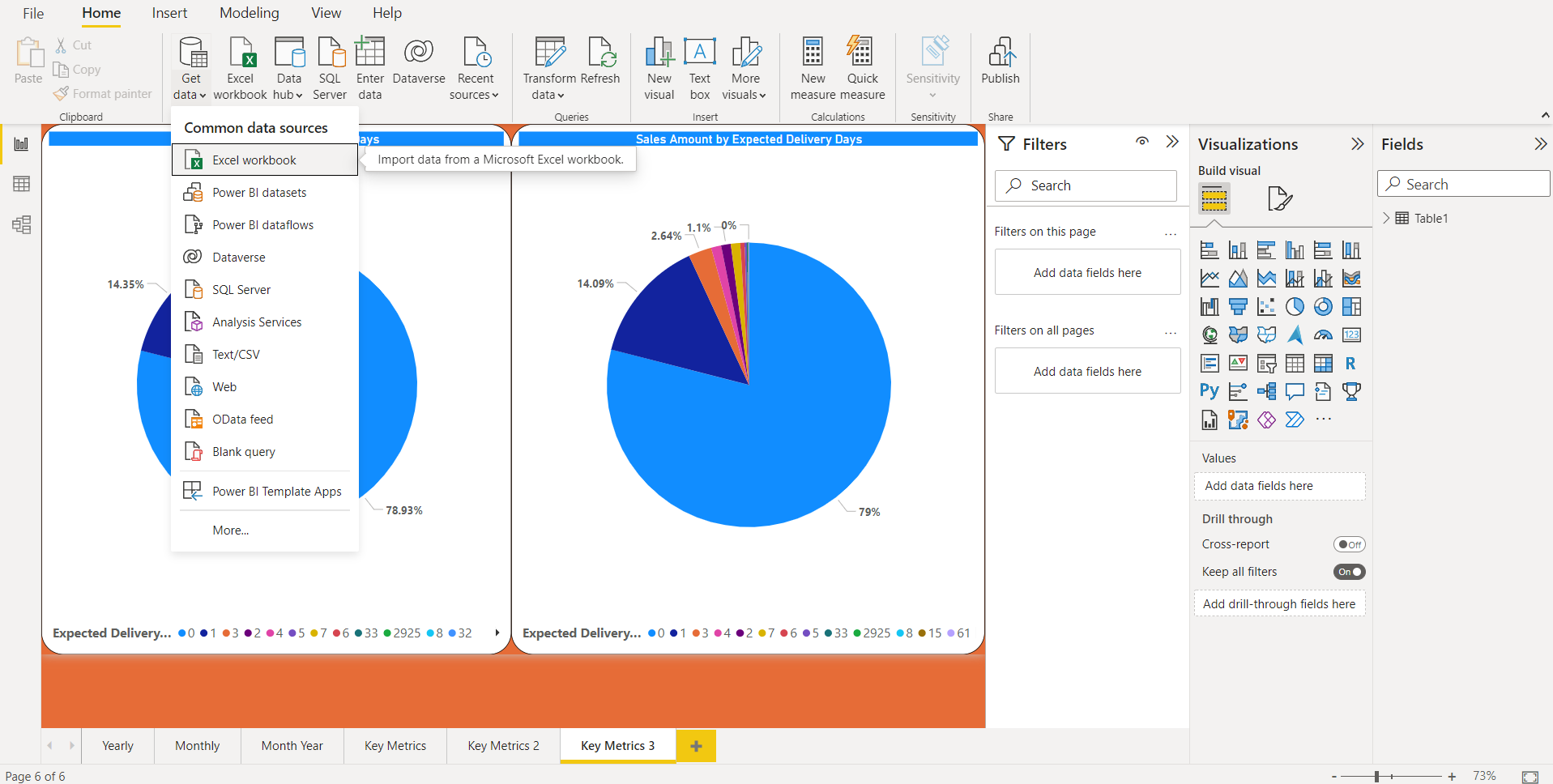
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**Power Bi Architecture**

Power BI is an interactive data visualization software product developed by Microsoft with a primary focus on business intelligence. It is part of the Microsoft Power Platform. Power BI is a collection of software services, apps, and connectors that work together to turn unrelated sources of data into coherent, visually immersive, and interactive insights. Data may be input by reading directly from a database, webpage, or structured files such as spreadsheets, CSV, XML, and JSON.

### LOW LEVEL DESIGN

**6**

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1. **Sales Quantity by Year**

**2) Sales Amount by Year**

1. **Sales Amount by Month Name**
2. **Sales Quantity by Month Name**
3. **Sales Amount by Month Year**
4. **Sales Quantity by Month Year**
5. **Sales Amount by Item Number**
6. **Sales Amount by Item**
7. **Sales Amount by Line Number**

**10.) Sales Repetition by Items**

**11.) Sales Repetition by Expected delivery days**

**12.) Sales Amount by Expected delivery days**