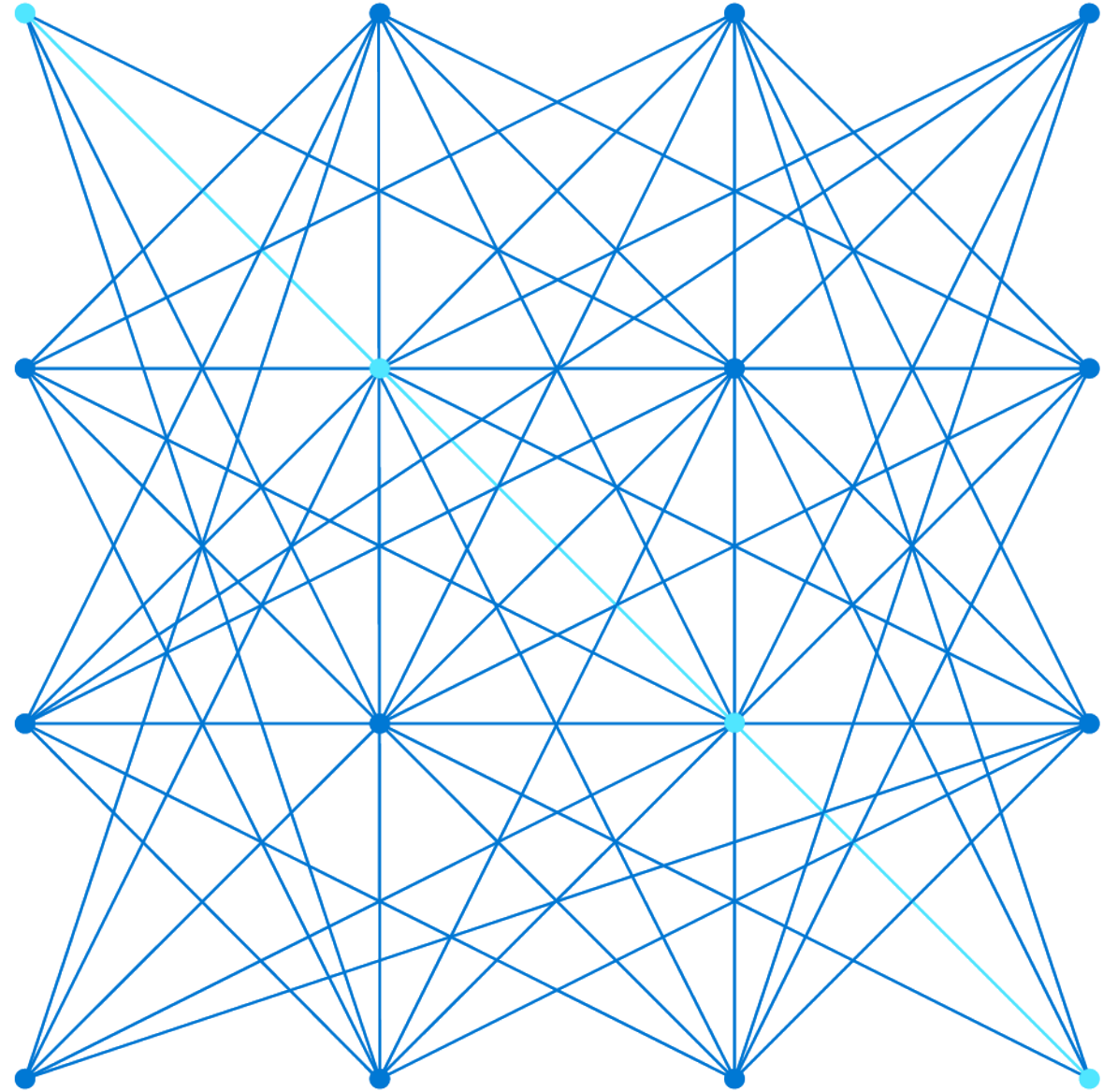


Online Role-based training resources:

Microsoft Learn

<https://docs.microsoft.com/en-us/learn/>

PL-300 Analyzing Data with Power BI



Module 1: Getting Started with Microsoft Data Analytics

Learning Objectives

You will learn the following concepts:

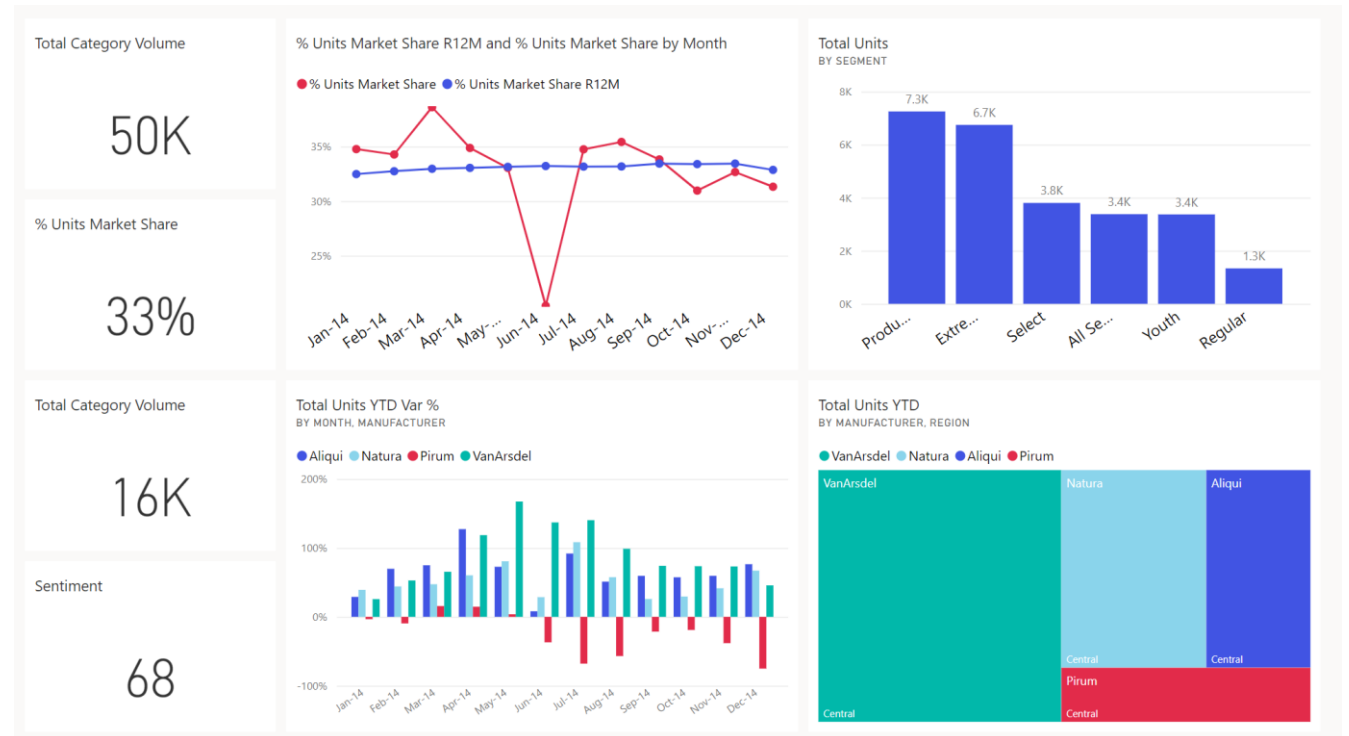
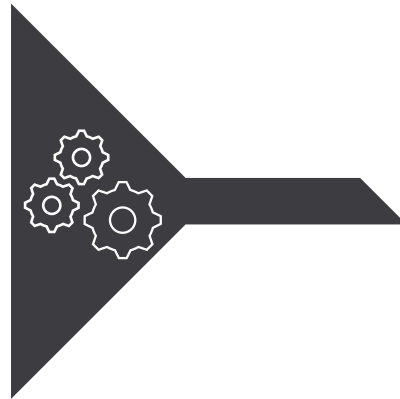
- Data Analysis
- Getting Started with Power BI

Lesson 1: Data Analytics and Microsoft



Introduction

Data and information is the most strategic business asset.



Overview of Data Analysis

Data Analysis is telling a story with data.

Five categories of analytics:

- Descriptive
- Diagnostic
- Predictive
- Prescriptive
- Cognitive



Roles in Data



Business
Analyst



Data
Analyst



Data
Engineer



Data
Scientist



Database
Administrator

PL-300

DP-203

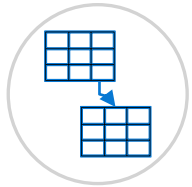
DP-100

DP-300

Tasks of a Data Analyst



Prepare



Model



Visualize



Analyze



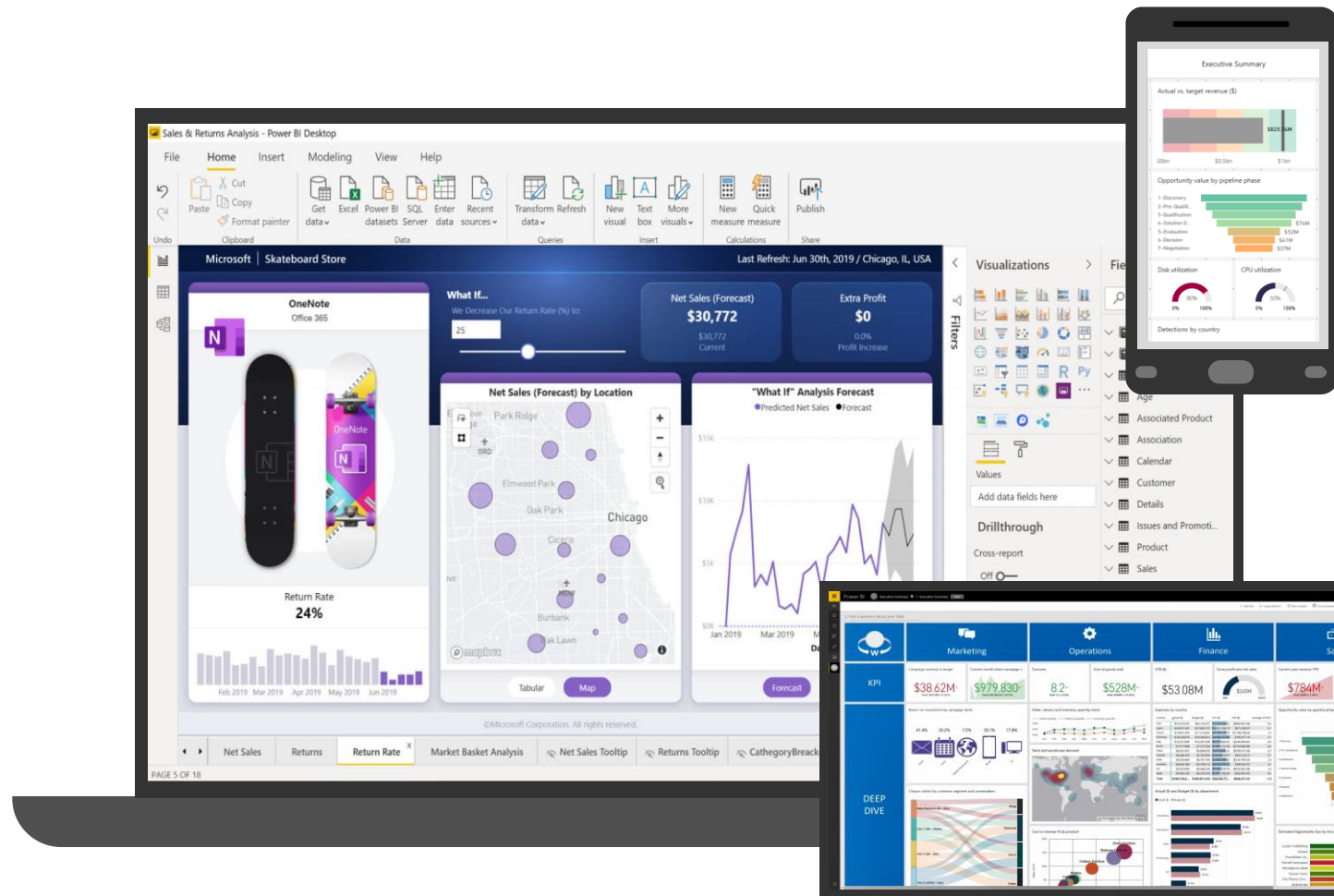
Manage

Lesson 2: Getting Started with Power BI

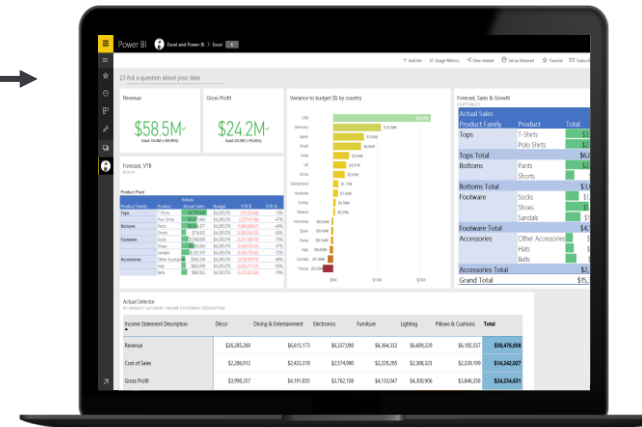
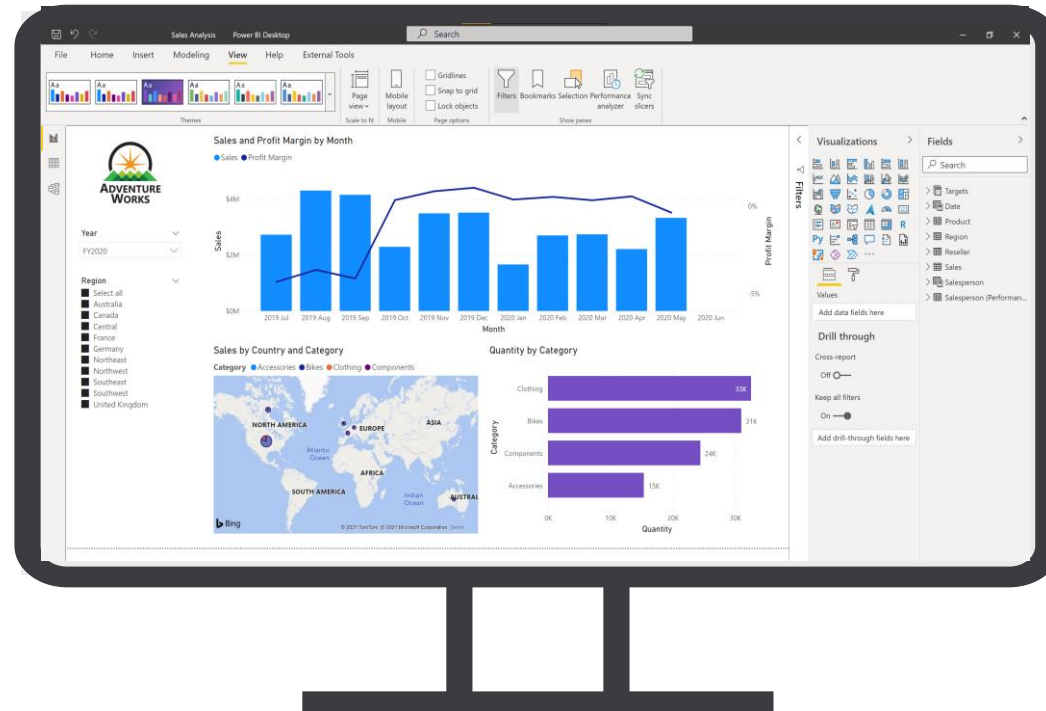


Introduction to Power BI

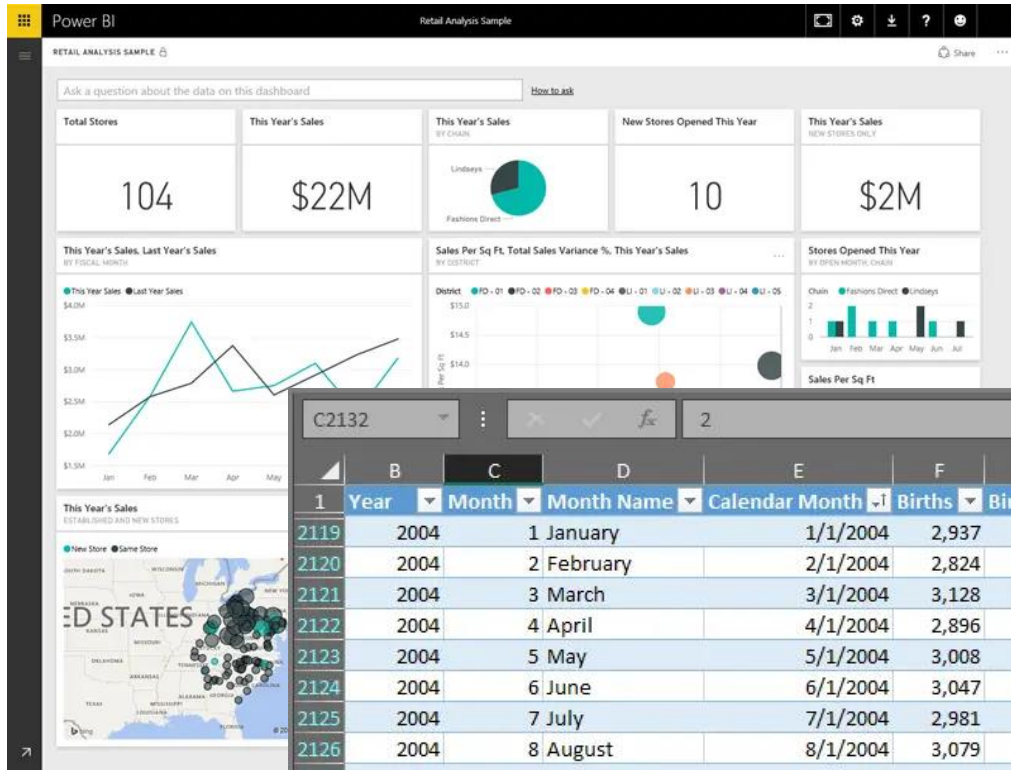
Power BI: A collection of software, services, apps, and connectors.



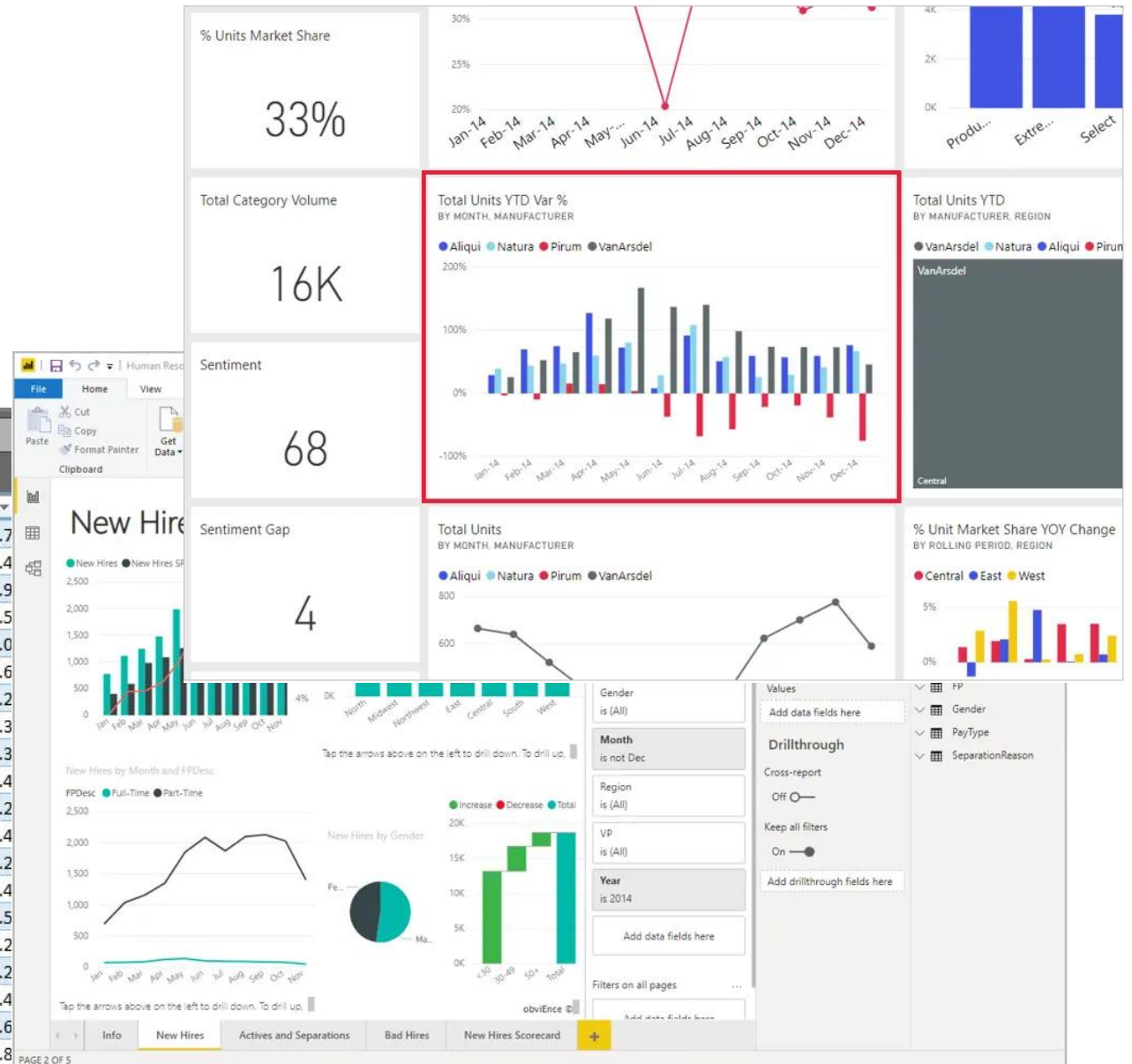
Use Power BI



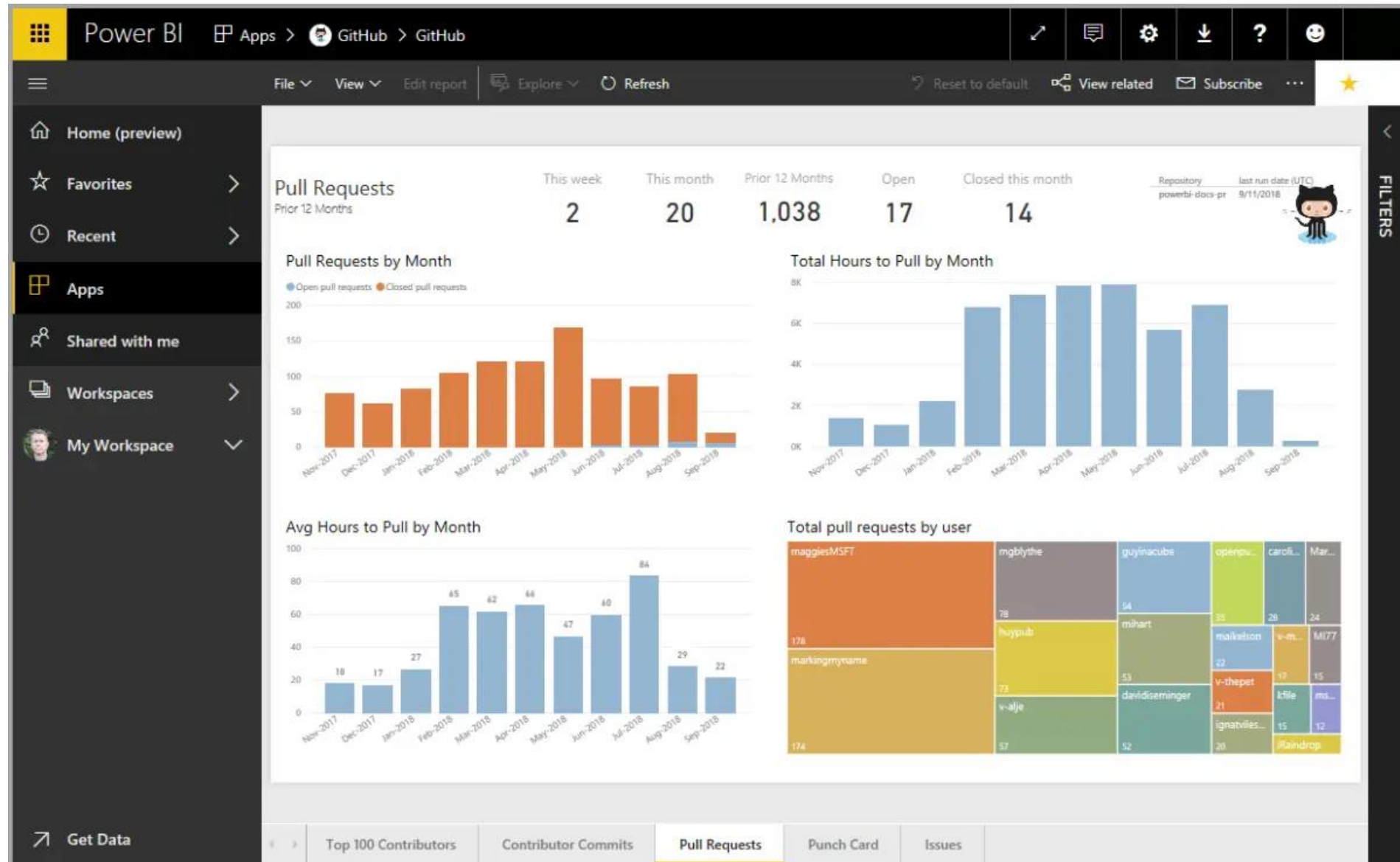
Building Blocks of Power BI



1	Year	Month	Month Name	Calendar Month	Births	Births Per Day
2119	2004	1	January	1/1/2004	2,937	94.7
2120	2004	2	February	2/1/2004	2,824	97.4
2121	2004	3	March	3/1/2004	3,128	100.9
2122	2004	4	April	4/1/2004	2,896	96.5
2123	2004	5	May	5/1/2004	3,008	97.0
2124	2004	6	June	6/1/2004	3,047	101.6
2125	2004	7	July	7/1/2004	2,981	96.2
2126	2004	8	August	8/1/2004	3,079	99.3
2127	2004	9	September	9/1/2004	3,219	107.3
2128	2004	10	October	10/1/2004	3,547	114.4
2129	2004	11	November	11/1/2004	3,365	112.2
2130	2004	12	December	12/1/2004	3,143	101.4
2131	2005	1	January	1/1/2005	2,921	94.2
2132	2005	2	February	2/1/2005	2,699	96.4
2133	2005	3	March	3/1/2005	3,024	97.5
2134	2005	4	April	4/1/2005	3,037	101.2
2135	2005	5	May	5/1/2005	3,231	104.2
2136	2005	6	June	6/1/2005	3,163	105.4
2137	2005	7	July	7/1/2005	3,119	100.6
2138	2005	8	August	8/1/2005	3,156	101.8
2139	2005	9	September	9/1/2005	3,439	114.6



Touring and Using Power BI



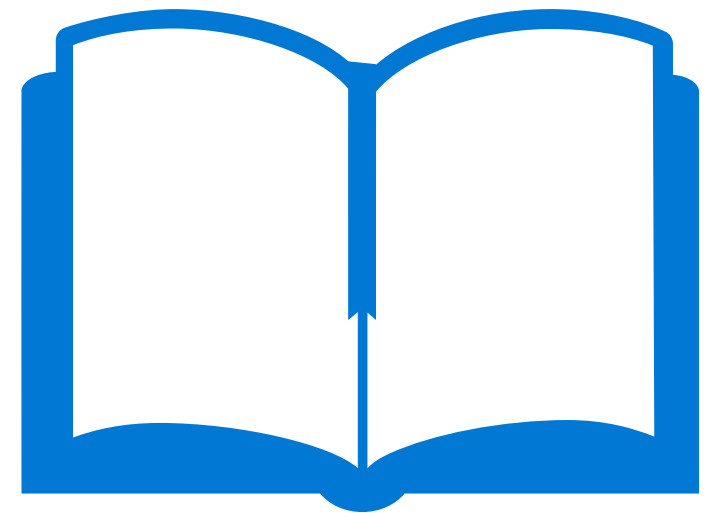
Module Overview

We covered the following concepts:

- Data Analysis
- How to get started with Power BI

References

- PL-300 Discover data analysis
<https://docs.microsoft.com/en-us/learn/modules/data-analytics-microsoft/>
- PL-300 Get started building with Power BI
<https://docs.microsoft.com/en-us/learn/modules/get-started-with-power-bi/>



Azure Technical Trainer Role Based Training