

Business Analytics with Power Bl



Microsoft Services

Module 1: Power BI Desktop

Lesson 1: Introduction

Agenda

Power BI Desktop:

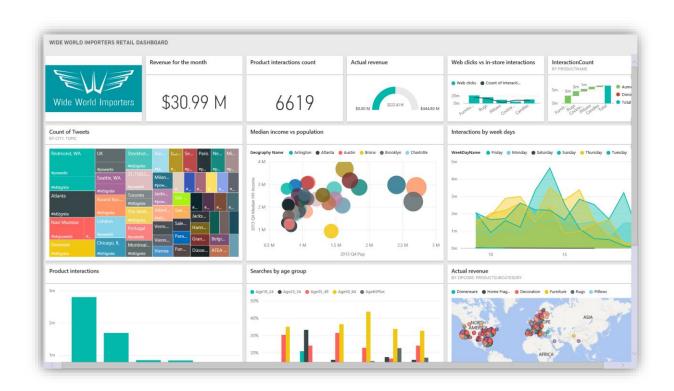
- Connecting to Data
- Shaping Data
- Creating a Data Model
- Calculations
- Building Reports
- Sharing



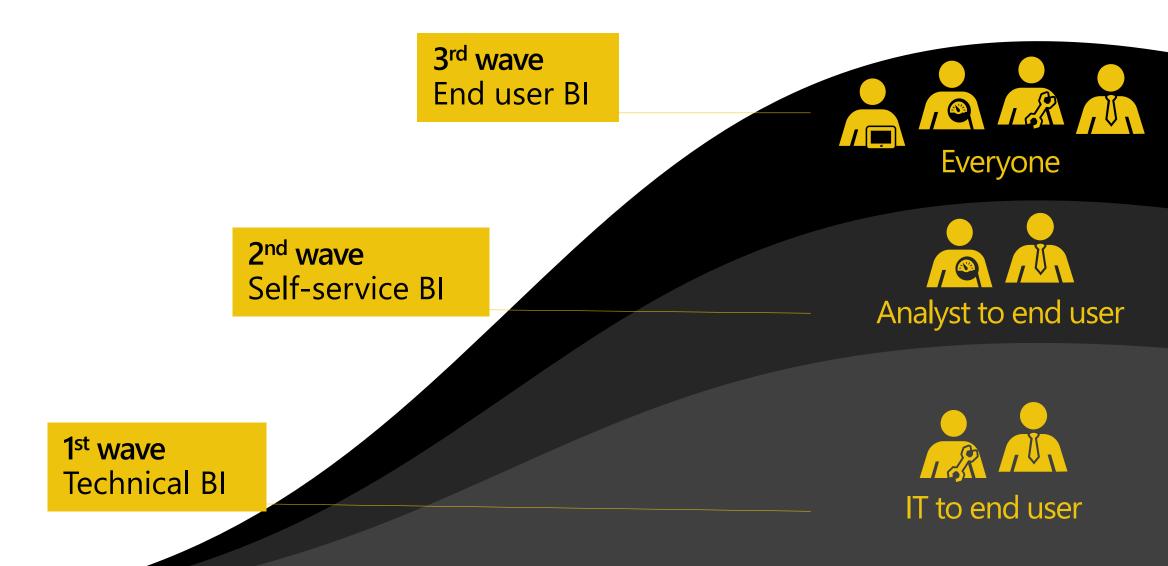
Agenda

Power BI Service:

- Get Data
- Pinning and Navigation
- Keeping my data current
- Q&A and Quick Insights
- Sharing
- Connect from Microsoft Excel
- Mobile Reports

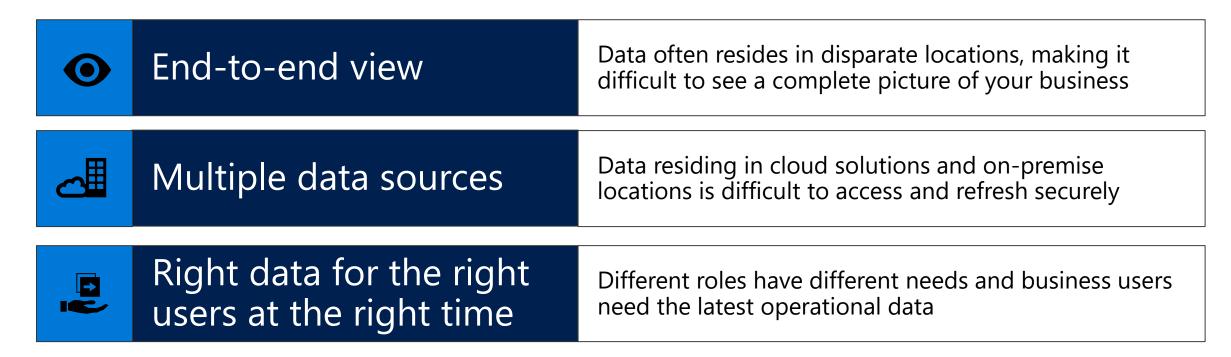


Today, BI extends to everyone



Turning data into business insights is challenging

Common BI challenges include...

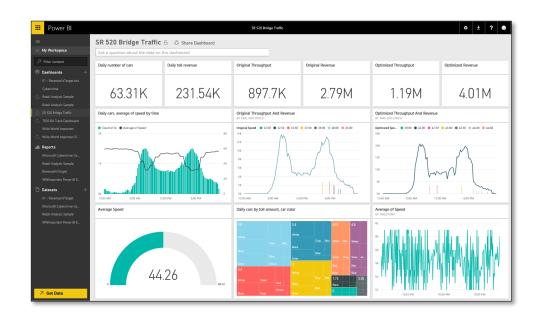


Power BI

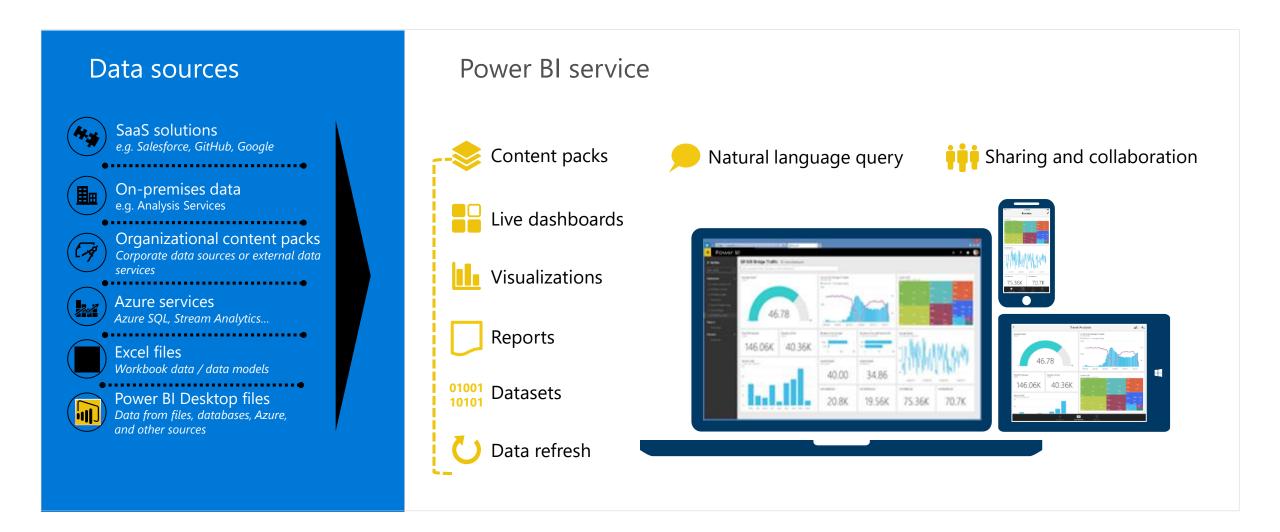
Experience your data. Any data, any way, anywhere

Power BI is a cloud-based business analytics service that enables:

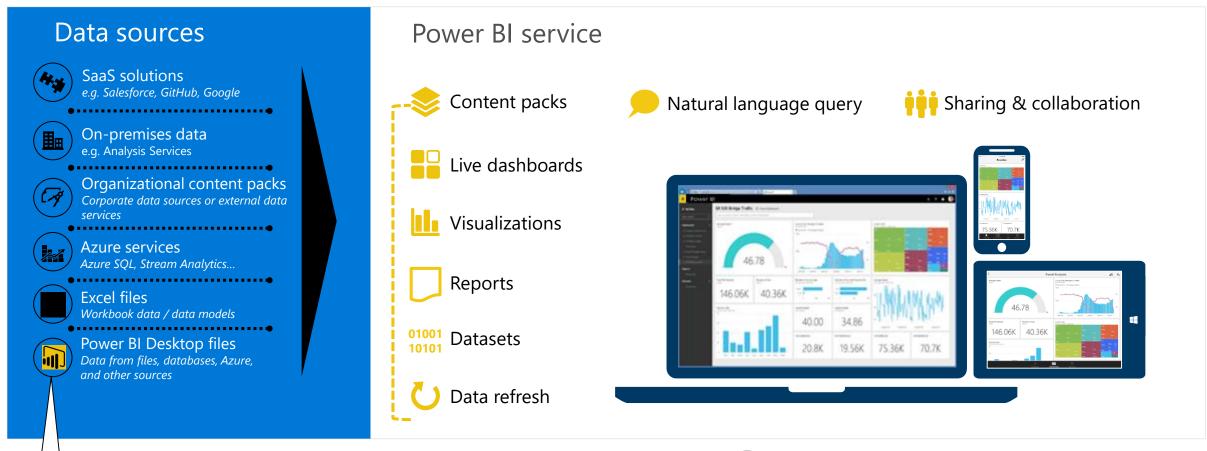
- Fast and easy access to your data
- A live 360° view of your business
- Data discovery and exploration
- Insights from any device
- Collaboration across your organization
- Anyone to visualize and analyze data



Power BI Overview



Power BI Overview



Power BI Desktop





Power BI REST APIs



Create Power BI Content

What is Power BI Desktop?

A free downloadable 32/64 bit desktop application optimized for the Power Bl Service

Does not depend on Microsoft Office

Combines the power of Power Query, Power Pivot and Power View

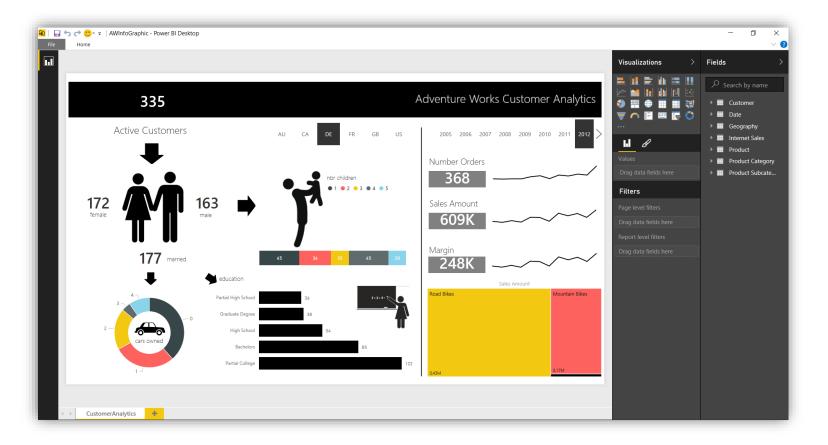
Dedicated BI workflow: Specializing in Interactive Visualization and Analysis

Main output: Interactive Reports and Data Models

Effortlessly publish interactive visual reports to Power Bl users

Support: Monthly updates

Connect to data and build reports for Power BI



Power BI Desktop Workflow



- Acquire and prepare the data with extensive query capabilities
- Establish the data structure and transform and analyze data
- Explore data in new ways through a free-form, drag-and-drop canvas
- Author the reports with a broad range of modern data visualizations
- Publish interactive reports to Power BI



Available as a free, downloadable desktop companion to the Power BI service, **Power BI Desktop is a visual** data exploration and reporting tool