



|         |   |                   |
|---------|---|-------------------|
| BATCH   | : | <b>B150</b>       |
| LESSON  | : | POWER BI          |
| DATE    | : | <b>22.05.2023</b> |
| SUBJECT | : | Introduction      |

ZOOM GİRİŞLERİNİZİ LÜTFEN **LMS** SİSTEMİ ÜZERİNDEN YAPINIZ





# Power BI



## POWER BI - Introduction

Data Science Program

***Session -1***



# Power BI Lesson Content



**Power BI  
derslerinde ne  
öğreneceğiz?**

- Power BI Introduction
- Power Query
- Visualization
- DAX
- Power BI Service
- Project
- Project



# Session - 1 Content



**Bugün ne  
öğreneceğiz?**

## Power BI Introduction

- ⦿ Business Intelligence
- ⦿ Power BI Giriş
- ⦿ Power BI Desktop
- ⦿ Arayüzleri Tanıma
- ⦿ My First Dashboard



# Power BI



**Power BI Desktop  
uygulamasını  
yüklediniz mi?**

# Kurumsal e-mail adresi aldınız mı?



Power BI  
SERVICE





**Sizi bugünkü derse  
hazırlayacak **pre-class**  
materyalleri ile  
antrenman yaptınız  
mı?**









# Business Intelligence





# Benefits of BI Tools

**Intuitive  
Dashboards**



**Data-driven  
business**



**Governed  
data**



**Organizational  
efficiency**



**Faster  
Analysis**



**Increased  
Competitive  
Advantage**



**Improved  
Customer  
Experience**



# Neden Power BI?




- Büyük veriler ile çalışır.
- Farklı veri kaynaklarını kullanabilir ve birleştirebilir.
- Excel ve Access'in işlevselliklerine sahiptir.
- Kendine ait bir yazım dili vardır.
- Kullanıcı dostudur.
- Bulut mantığı ile çalışabilir.







# Business Intelligence Developer


Entalpi · Istanbul, Turkey (Remote) 1 day ago · 81 applicants

 Full-time

 1-10 employees

 Ogün G. is hiring for this job

 See how you compare to 81 applicants. [Try Premium for free](#)

 Skills: Veri Analitiği, SQL, +5 more

 Easy Apply

Save

## Meet the hiring team



Ogün G. · 3rd+

Entalpi

Job poster · LinkedIn member since December 2021

 Message

## About the job

We're looking for a BI Developer to join our team at Entalpi.

### What you'll be working on

- Data Warehouse (DWH) and digital transformation projects of the largest corporations in the region.
- Requirement gathering, report design & guidance with the executive team of the counterparty.
- Implementing reports on the selected environment.
- Working together with the data, product, and integration teams when needed.

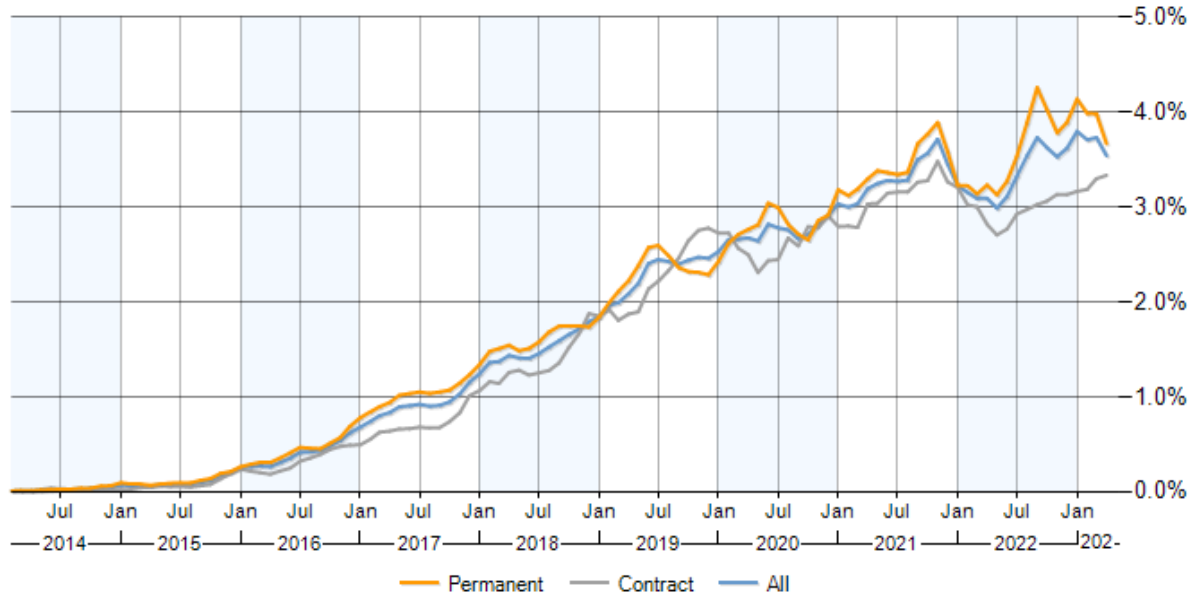
### Expected Qualifications

- Bachelor's degree in Engineering, Mathematics, Statistics, Computer Science, Data Analytics, Coding, and Programming or applicable experience,
- Strong analytical and problem-solving skills, understanding of complex business problems,
- Minimum 1-year experience with Microsoft Power BI
- Strong SQL fundamentals,
- Self-motivated and communicative in remote environments.

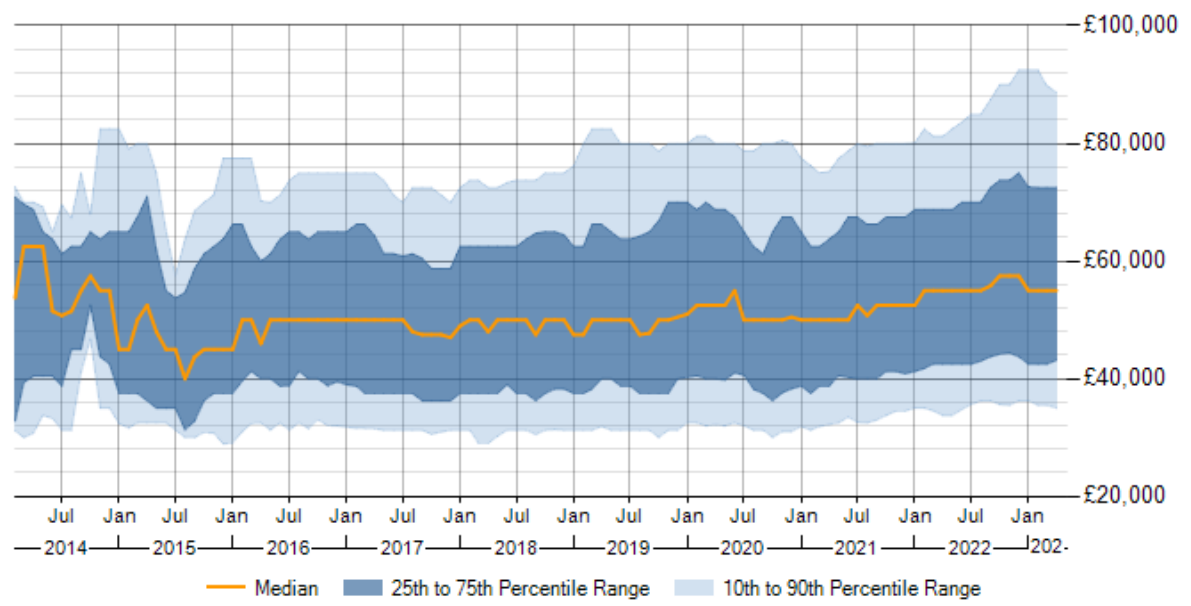




Job postings citing Power BI as a proportion of all IT jobs advertised.



3-month moving average salary quoted in jobs citing Power BI.





## Power BI Top 30 Co-occurring Skills and Capabilities

For the 6 months to 7 May 2023, job vacancies citing Power BI also mentioned the following skills and capabilities in order of popularity. The figures indicate the absolute number co-occurrences and as a proportion of all permanent job ads with a requirement for Power BI.



|    |                 |                       |    |              |                                 |
|----|-----------------|-----------------------|----|--------------|---------------------------------|
| 1  | 4,036 (100.00%) | Power Platform        | 15 | 843 (20.89%) | Data Warehouse                  |
| 2  | 3,374 (83.60%)  | Business Intelligence | 16 | 796 (19.72%) | Decision-Making                 |
| 3  | 2,552 (63.23%)  | SQL                   | 17 | 751 (18.61%) | ETL                             |
| 4  | 1,710 (42.37%)  | Analytics             | 18 | 747 (18.51%) | SQL Server                      |
| 5  | 1,567 (38.83%)  | Finance               | 19 | 737 (18.26%) | Problem-Solving                 |
| 6  | 1,519 (37.64%)  | Microsoft             | 20 | 674 (16.70%) | Data Modelling                  |
| 7  | 1,507 (37.34%)  | Azure                 | 21 | 643 (15.93%) | Data Science                    |
| 8  | 1,271 (31.49%)  | Social Skills         | 22 | 588 (14.57%) | Marketing                       |
| 9  | 1,184 (29.34%)  | Tableau               | 23 | 568 (14.07%) | SQL Server Reporting Services   |
| 10 | 1,129 (27.97%)  | Analytical Skills     | 24 | 561 (13.90%) | Data Analytics                  |
| 11 | 976 (24.18%)    | Agile                 | 24 | 561 (13.90%) | DevOps                          |
| 12 | 937 (23.22%)    | Visualisation         | 25 | 551 (13.65%) | Data Visualisation              |
| 13 | 860 (21.31%)    | Python                | 26 | 510 (12.64%) | SQL Server Integration Services |
| 13 | 860 (21.31%)    | Microsoft Excel       | 27 | 508 (12.59%) | Retail                          |
| 14 | 844 (20.91%)    | Degree                | 28 | 504 (12.49%) | Azure Data Factory              |



# Features of Power BI







## Who needs Power BI?



Developers



Subject Matter Experts



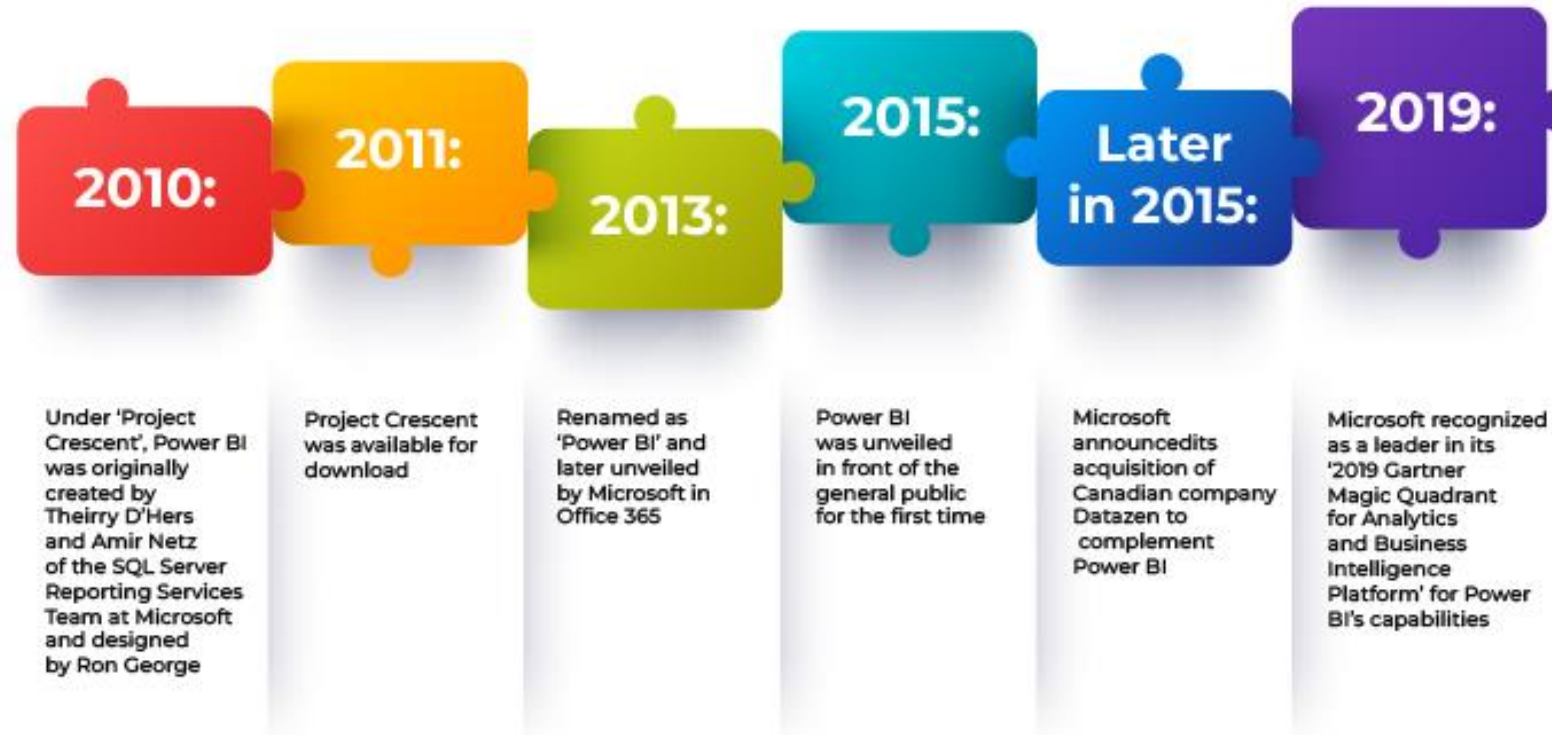
IT Professionals



Business Analysts



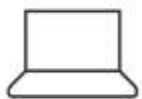
## Timeline of Power BI





# Power BI product portfolio

Author



Power BI  
Desktop

Free data analysis  
and report authoring tool

Share and collaborate



Power BI  
service

Cloud-based modern  
business analytics solution

Large scale deployments



Power BI  
Premium

Dedicated capacity for  
increased performance

Share and collaborate



Power BI  
Report Server

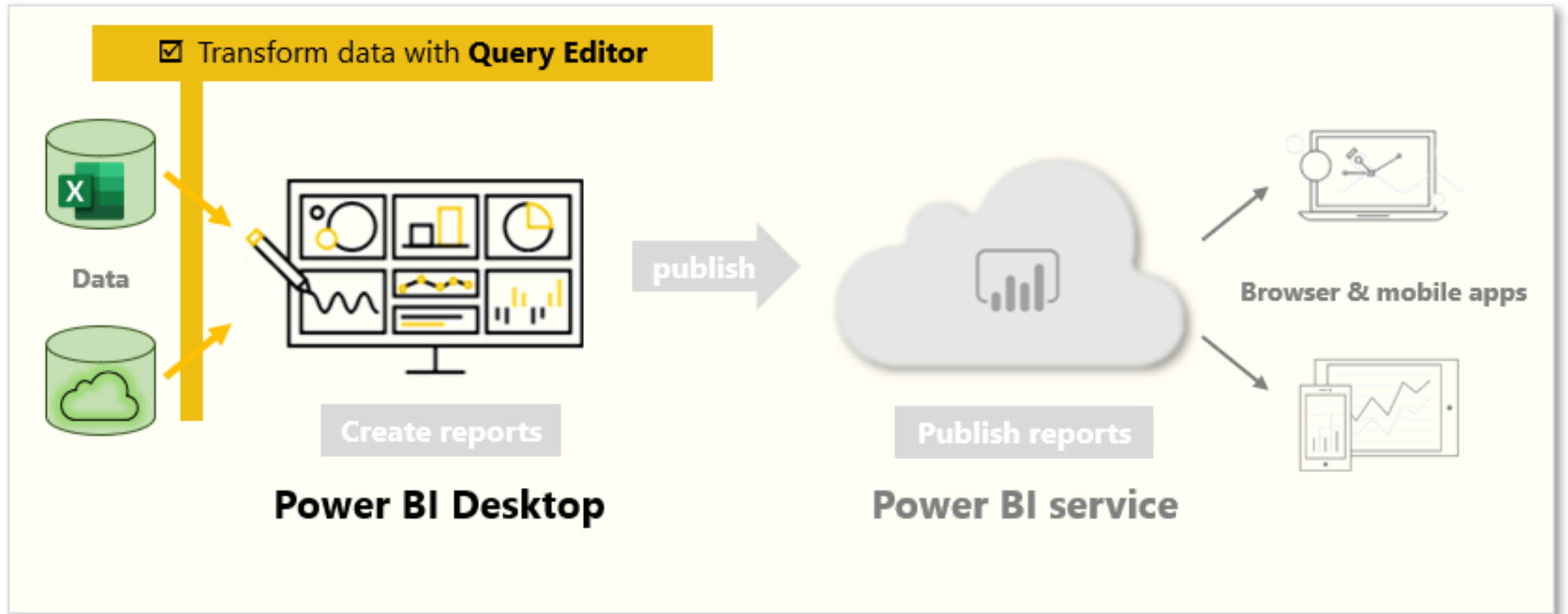
On-premises report server

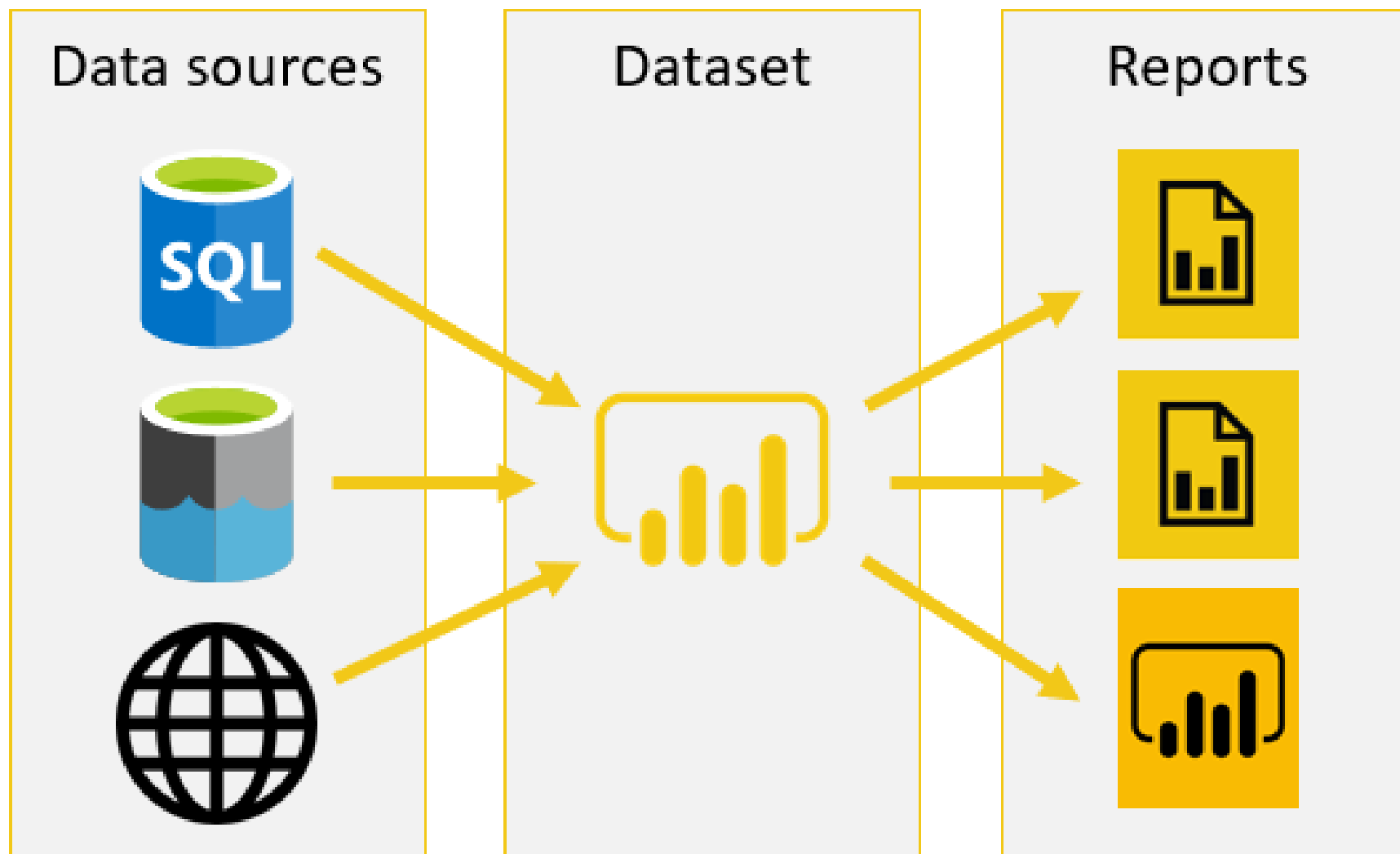
App dev



Power BI  
Embedded

Visual analytics embedded  
in your applications





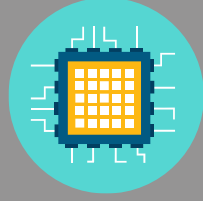


# Power BI Çalışma Süreci



Veri  
Kaynakları  
(Data Sources)

- Excel
- Csv
- Web Siteleri
- Database
- Azure
- ...



ETL Processes  
(Power Query)

Verinin  
çıkarılması,  
dönüştürülmesi ve  
yüklenmesi  
süreçleri



Visualization



Publish





# Power BI Sürümleri



- Power BI Desktop
- Power BI Pro
- Power BI Premium
- Power BI Mobil

|                                      | Ücretsiz | Pro |
|--------------------------------------|----------|-----|
| 70'ten fazla veri kaynağına bağlanma | ✓        | ✓   |
| Web'de yayımlama                     | ✓        | ✓   |
| Eşler arası paylaşma                 | ×        | ✓   |
| PowerPoint, Excel ve CSV'ye aktarma  | ✓        | ✓   |
| Kurumsal dağıtım                     |          |     |
| Uygulamalar                          | ×        | ✓   |
| E-posta abonelikleri                 | ×        | ✓   |
| API ve denetim ekleme                | ×        | ✓   |
| İşbirliği                            |          |     |
| Uygulama çalışma alanları            | ×        | ✓   |





# Power BI Desktop

Free companion authoring tool for the Power BI service



**Get Data**  
Easily connect, clean, and mashup data



**Analyze**  
Build powerful models and flexible measures



**Visualize**  
Create stunning interactive reports



**Publish**  
Share insights with others



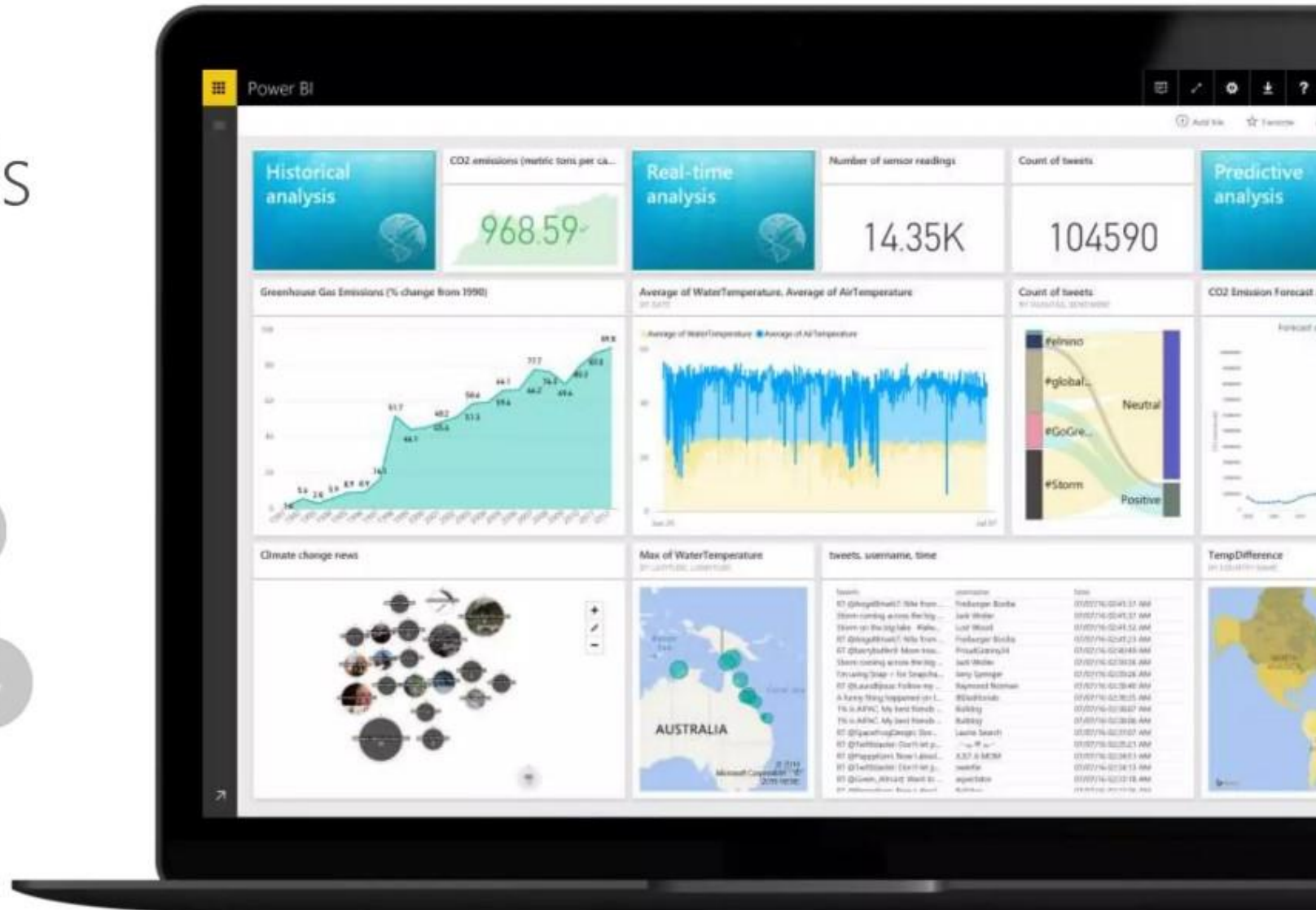
**Collaborate**  
Empower your organization with self-service analytics



Download free from [PowerBI.com](https://powerbi.com) or the Windows Store



# Get dashboards in minutes

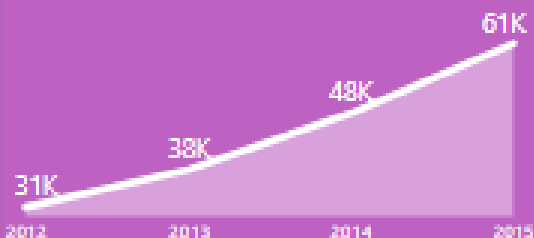


# SALES PERFORMANCE DASHBOARD

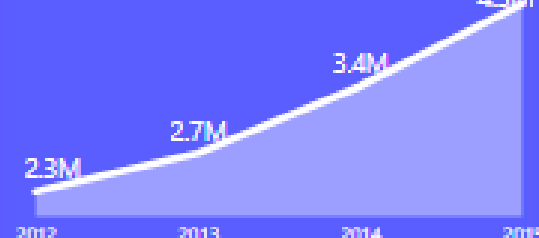
For more Dashboards and updates follow me at:



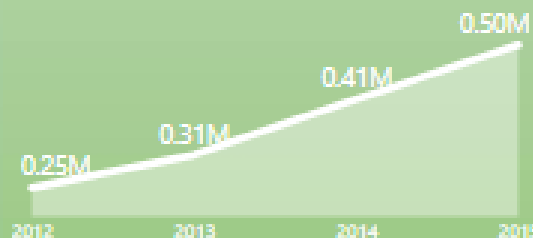
TOTAL QTY  
178,312



TOTAL SALES  
12,642,502



TOTAL PROFIT  
1,467,457



## FILTERS

2012

2015

Segment

All

Category

All

Customer Name

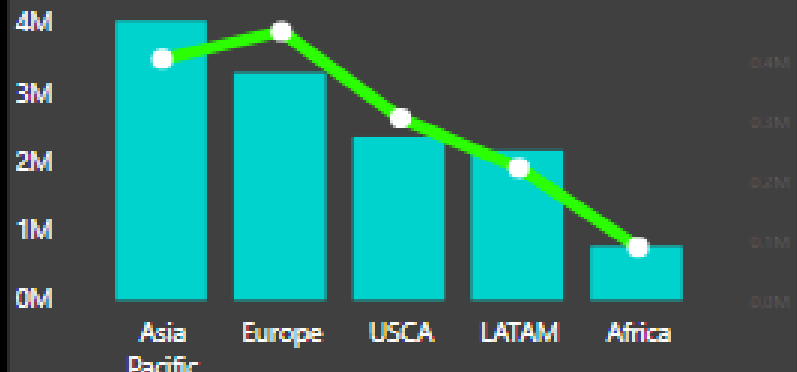
All

Country

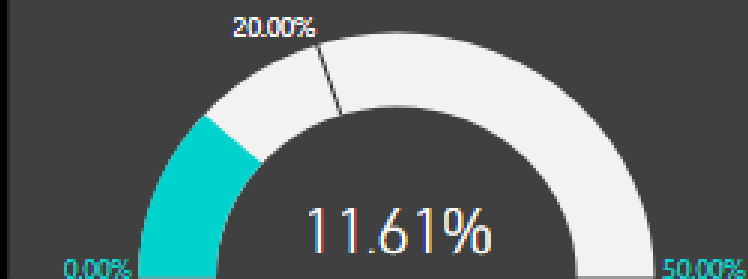
All

### Total Sales & Qty by Market

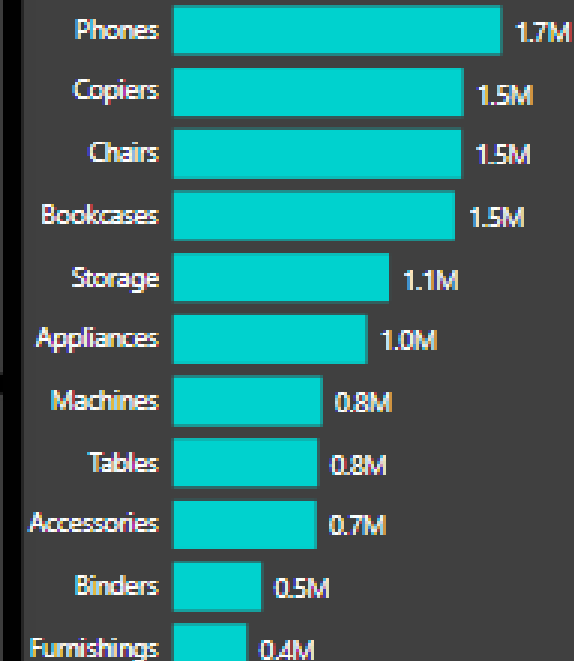
● Total Sales ● Total Profit



### Profit %



### Total Sales by Product



### Customer Wise Sales

| Customer Name      | 2012   | 2013   | 2014   | 2015   | Total  |
|--------------------|--------|--------|--------|--------|--------|
| Tom Ashbrook       | 1.60K  | 6.30K  | 9.07K  | 23.52K | 40.49K |
| Tamara Chand       | 4.16K  | 6.38K  | 23.19K | 3.72K  | 37.46K |
| Greg Tran          | 12.99K | 11.58K | 6.08K  | 4.90K  | 35.55K |
| Christopher Conant | 1.90K  | 2.25K  | 18.23K | 12.80K | 35.19K |
| Sean Miller        | 27.47K | 0.96K  | 2.42K  | 4.33K  | 35.17K |
| Bart Watters       | 8.30K  | 4.50K  | 5.46K  | 14.04K | 32.31K |
| Natalie Fritzler   | 5.69K  | 6.60K  | 5.71K  | 13.79K | 31.78K |
| Fred Hopkins       | 2.61K  | 16.02K | 1.43K  | 10.35K | 30.40K |

### Total Sales by Year & Category

| Year            | Total Qty | Total Sales | Total Profit | Profit % | Return % |
|-----------------|-----------|-------------|--------------|----------|----------|
| 2012            | 31.44K    | 2,259.45K   | 248.94K      | 11.02%   | 0.7%     |
| Furniture       | 6.30K     | 756.08K     | 53.65K       | 7.10%    | 1.2%     |
| Office Supplies | 18.99K    | 675.71K     | 86.04K       | 12.73%   | 0.8%     |
| Technology      | 6.16K     | 827.65K     | 109.25K      | 13.20%   | 1.3%     |
| 2013            | 38.11K    | 2,677.44K   | 307.42K      | 11.48%   | 0.5%     |
| Furniture       | 7.27K     | 858.82K     | 58.12K       | 6.77%    | 0.9%     |
| Office Supplies | 23.15K    | 795.18K     | 103.32K      | 12.99%   | 0.7%     |
| Total           | 178.31K   | 12,642.50K  | 1,467.46K    | 11.61%   | 0.6%     |



# HOTEL REVENUE MANAGEMENT

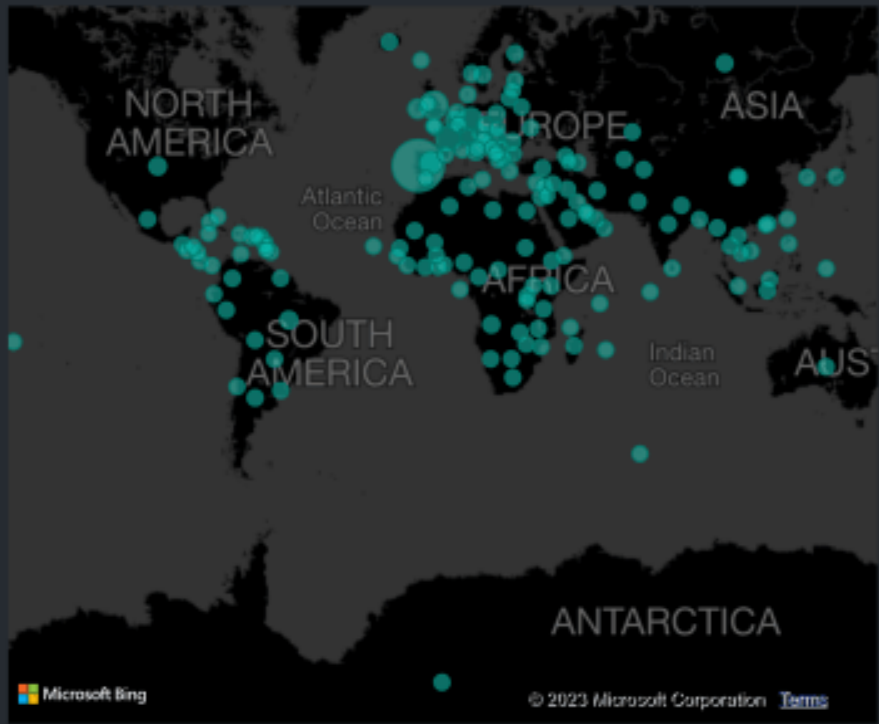
KPI'S

CUSTOMERS

AGENTS

## Key Performance Indicators

REVENUE BY COUNTRIES



\$49.63M  
Revenue

\$37.30M  
Revenue Apli Discount

\$41.52M  
Net Revenue + Meals

277.241K  
N° of Guests

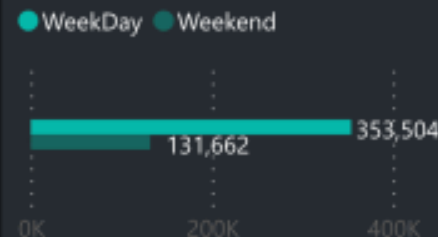
REVENUE BY MONTH



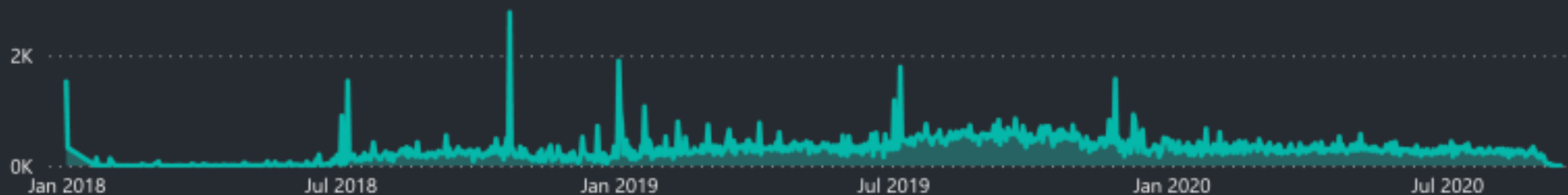
ADULTS AND YOUNGER



NIGHTS



RESERVATIONS BY DAY



STATUS





## Navigation

Netflix

Amazon Prime

Disney Hotstar

# Netflix Dashboard

Full Insights

IMDb Score

6.49

Total Shows

13.5K



Movies

10.4K

77%



Series

3,109

23%

## Genre

Search

☐ Select all

☐ Action

☐ Action, Adventure

☐ Action, Adventure, Biography, Crime, Fanta...

☐ Action, Adventure, Biography, Drama

☐ Action, Adventure, Biography, Drama, Hist...

## List of Shows

Search

☐ Select all

☐ Kuch Bheege Alfaaz

☐ Digimon Adventure Tri. Chapter 5 Coexiste...

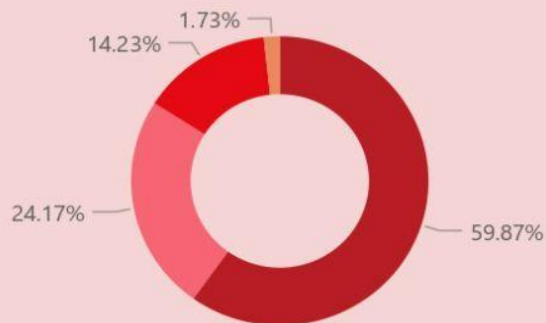
☐ Goli Soda 2

☐ Maj Rati Keteki

☐ Maximalzki

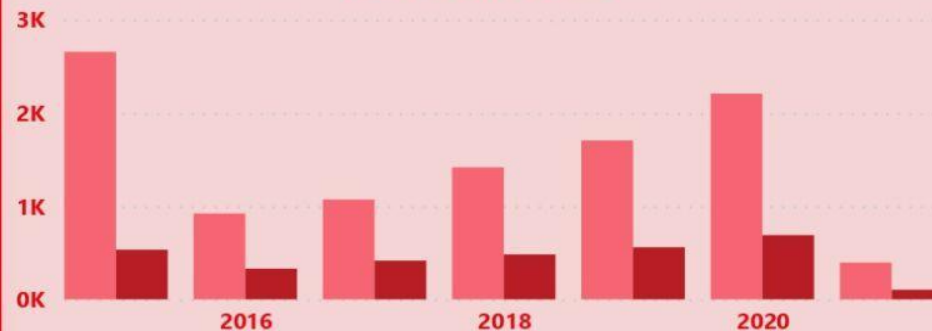
## Show Duration

● 1-2 hour ● < 30 minutes ● > 2 hrs ● 30-60 mins



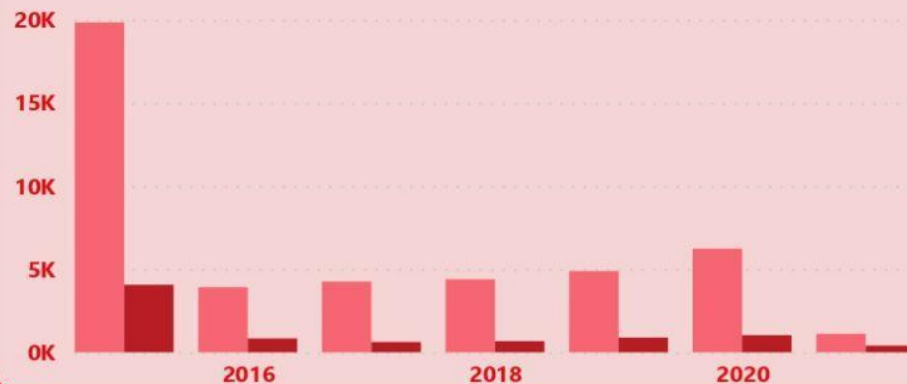
## Yearly Release

Shows ● Movie ● Series



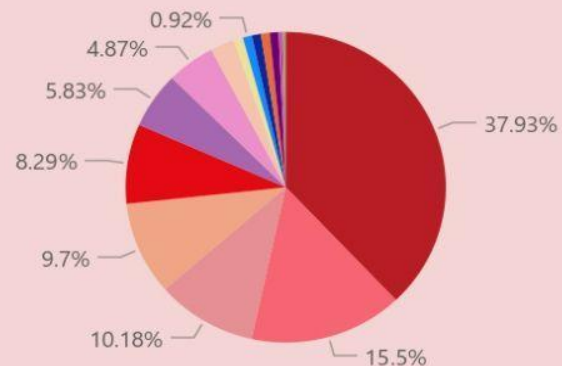
## Awards Received by Shows

Shows ● Movie ● Series



## View Rating

● R ● PG-13 ● Not Rat... ● TV-MA ● TV-14 ● PG ▶





# Power BI Dosya Uzantısı



- Power BI dosyasının uzantısı .pbix'dir
- Yerel bilgisayarınıza kaydettiğiniz bu dosyanın büyüklüğü en fazla 1 GB olabilir. Ancak bağlandığınız veri kaynağının büyüklüğü çok daha büyük boyutlarda olabilir.
- Büyük bir kaynağa bağlanıp veriler sıkıştırıldığında ortaya çıkan dosyanın boyutu büyük miktarda küçülür.
- Çektiğiniz verinin büyüklüğü, tablo sayısı, tablolaradaki satır ve sütun sayıları gibi parametreler .pbix dosyasının büyüklüğünü belirler.



# Power BI'da İş Akışı



- Power BI'daki ortak bir iş akışı, bir raporun oluşturulduğu Power BI Desktop'da başlar.
- Bu rapor daha sonra Power BI Service'de yayınlanır.
- Daha sonra Power BI Mobile uygulamalarının kullanıcıları bilgi alışverişinde bulunabilir.





# Power BI Konseptleri



Power BI;

- **Dashboard**
- **Report**
- **Datasets**

olmak üzere 3 birimden oluşmaktadır.



# Power BI Report



- Power BI raporu, bir veri kümesine ilişkin bulguları ve bu veri kümesindeki içgörülerini temsil eden görsellerle çok perspektifli bir görünümüdür.
- Bir raporun tek bir görseli veya görsellerle dolu birçok sayfası olabilir.
- Her sayfada, verileri temsil eden grafikler, tablolar, ölçüler ve diğer görsel öğeler yer alabilir.
- Raporlar, daha detaylı analiz ve veri keşfi için kullanılır.
- İş rolünüze bağlı olarak, raporları tasarlayan biri olabilirsiniz veya raporları tüketen bir iş kullanıcısı olabilirsiniz.



# Power BI Dashboard - Pano



- Sizin ya da meslektaşlarınızın oluşturduğu ve paylaştığı alanlardır.
- Power BI Desktop'ta oluşturulan raporlarınızı kullanarak panolar (dashboard'lar) oluşturabilirsiniz.
- Dashboard, genellikle canvas-tuval olarak adlandırılan ve görselleştirmeler aracılığıyla bir hikaye anlatan tek bir sayfadır.
- Birden çok görseli, grafikleri, tabloları ve metin öğelerini bir araya getirerek bir özet görünümü sunar.
- Bir sayfayla sınırlı olduğu için, iyi tasarlanmış bir dashboard, o hikayenin yalnızca önemli noktalarını içerir. Okuyucular, ayrıntılar için ilgili raporları görüntüleyebilir.



# Power BI Dashboard - Rapor



## ÖZET;

- Power BI Desktop'ta raporlar oluşturabilirsiniz ve bu raporları kullanarak dashboard'lar oluşturabilirsiniz.
- Raporlar daha ayrıntılı analiz ve veri keşfi için kullanılırken, panolar daha özet bir bakış sunmak ve verileri izlemek için kullanılır.



# Power BI Desktop

Get data

Recent sources

Veri Modeli.pbix

C: » Users » Mustafa » Desktop » T...

Mini Dashboard.pbix

C: » Users » Mustafa » Desktop » T...

DAX DERS.pbix

Desktop

DAX.pbix

C: » Users » Mustafa » Desktop » T...

Open other reports

### Getting started with Power BI Desktop

Building reports

Query view concepts

Uploading your reports

Create a Phone report

[VIEW ALL VIDEOS](#)

☒ Show this screen on startup

Marcus Techproed

#### WHAT'S NEW

Take a look at what's new and improved in Power BI in this month's update.

#### FORUMS

Visit the Power BI Forum to ask questions or interact with other users in the Power BI community.

#### POWER BI BLOG

Keep up to date with the latest news, resources, and updates from the Power BI team.

#### TUTORIALS

Ready to learn more about Power BI?

- Get started with Power BI Desktop
- Download a sample
- Watch our training videos
- See what others have built
- All guided learning

Visualizations

Build visual

Filters

Values

Add data fields here

Drill through

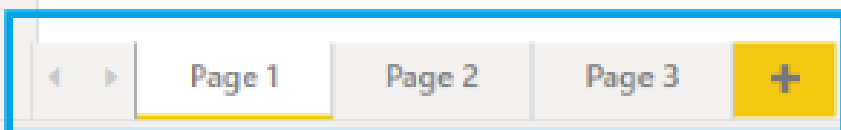
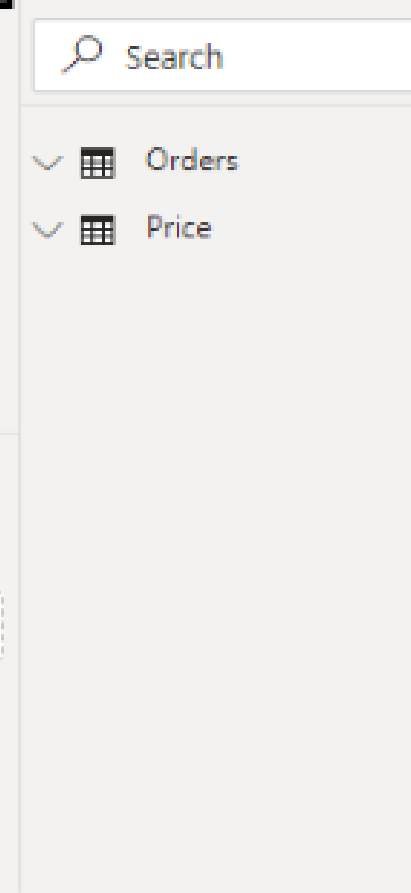
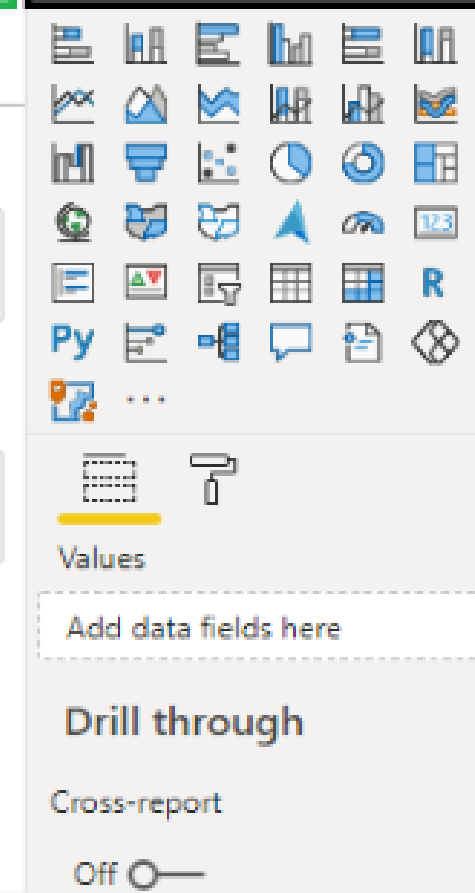
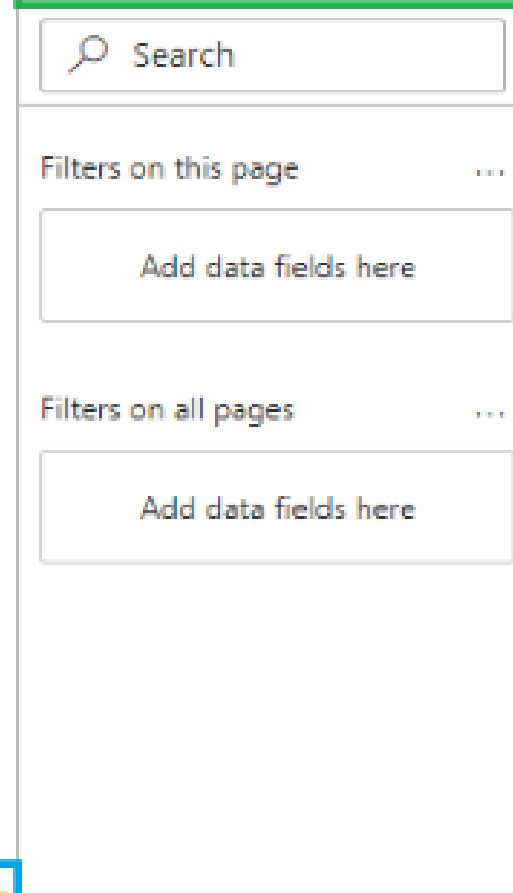
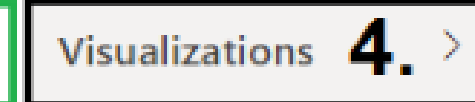
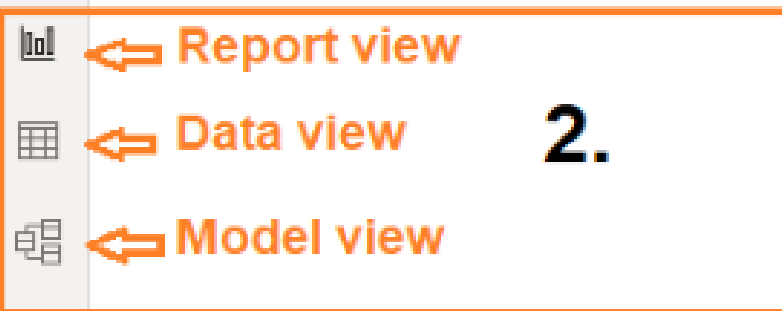
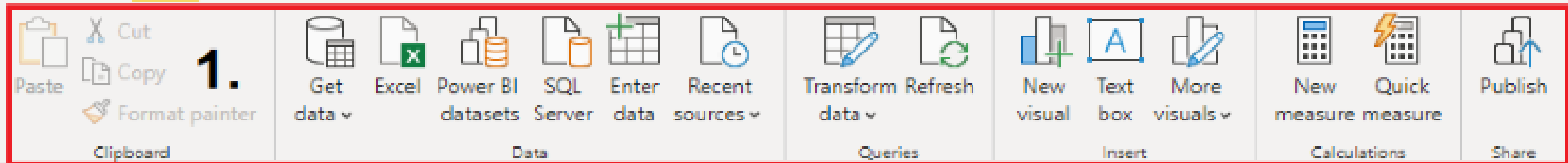
Cross-report ☐ Off

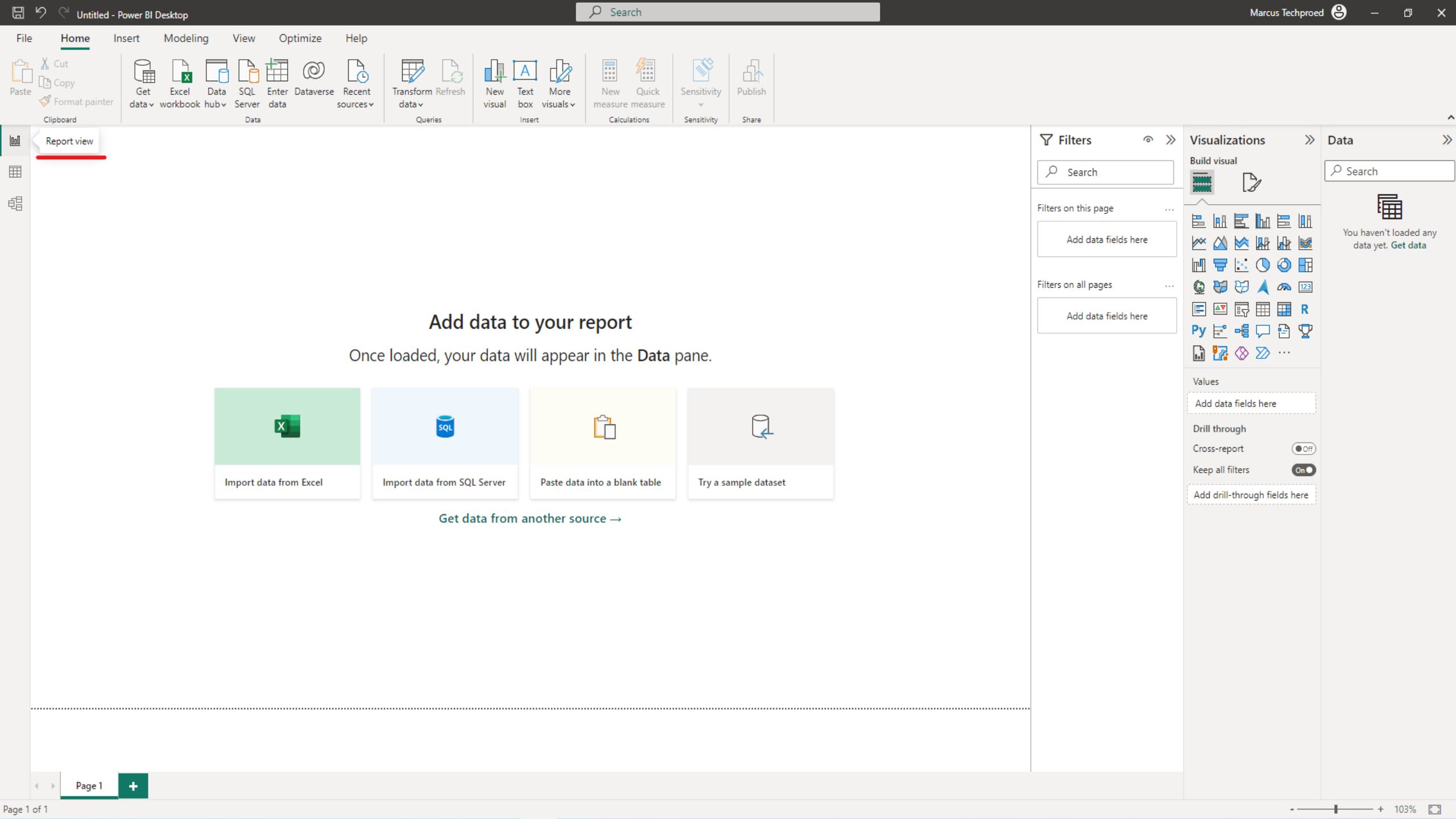
Keep all filters

☒ On

Add drill-through fields here

Data







FileHomeInsertModelingViewOptimizeHelpFormatData / Drill

CutCopyFormat painter

Get dataExcelData hubSQL ServerEnter dataDataaverseRecent sources

Transform dataRefresh

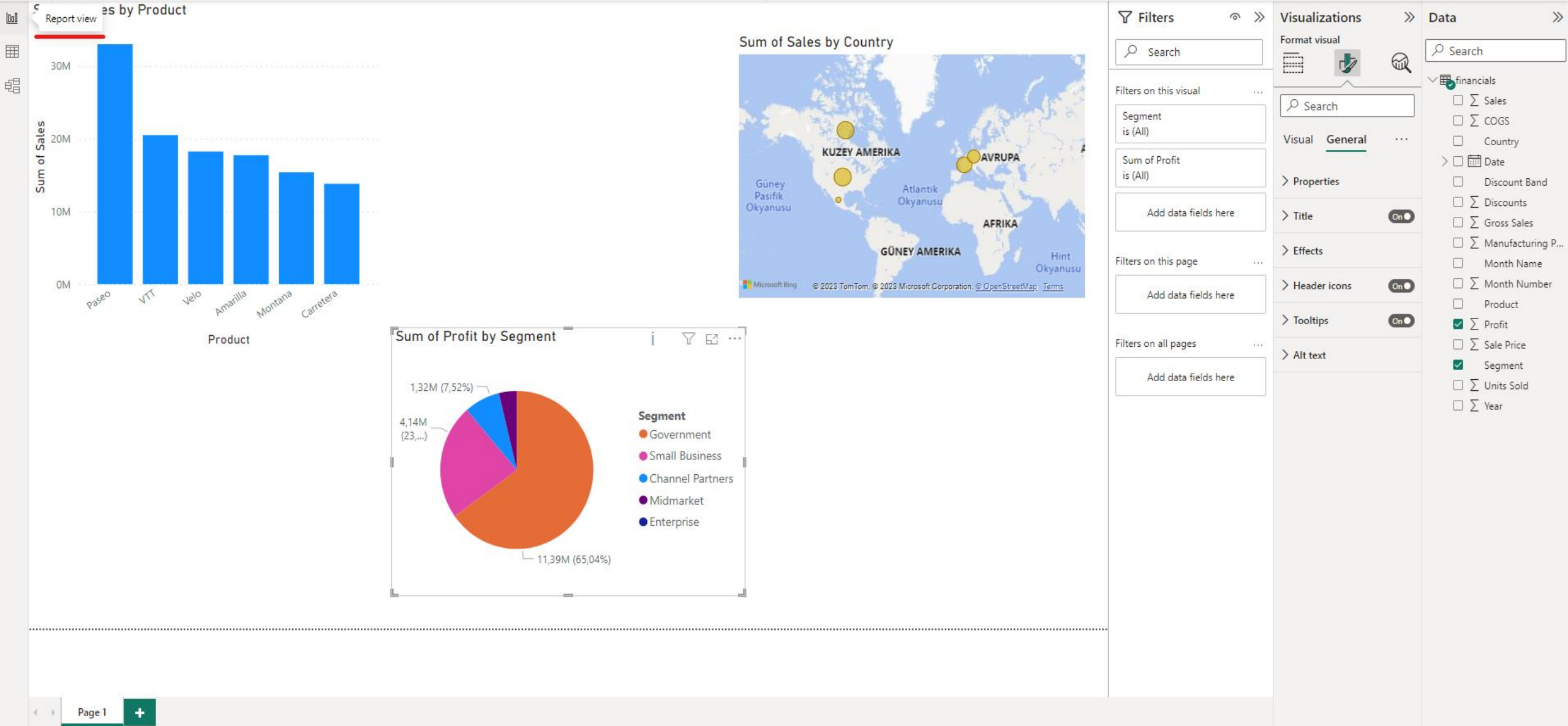
New visualText boxMore visuals

New measureQuick measure

Sensitivity

Publish

ClipboardDataQueriesInsertCalculationsSensitivityShare



Filters

Search

Filters on this visual

Segment is (All)

Sum of Profit is (All)

Add data fields here

Filters on this page

Add data fields here

Filters on all pages

Add data fields here

Visualizations

Format visual

Search

VisualGeneral

Properties

TitleOn

Effects

Header iconsOn

TooltipsOn

Alt text

Data

Search

financials

☐ Sales

☐ COGS

☐ Country

☐ Date

☐ Discount Band

☐ Discounts

☐ Gross Sales

☐ Manufacturing P...

☐ Month Name

☐ Month Number

☐ Product

☒ Profit

☐ Sale Price

☒ Segment

☐ Units Sold

☐ Year

FileHomeHelp

PasteCutCopy

Get data

Excel workbook

Data hub

SQL Server

Enter data

Dataaverse

Recent sources

Transform data

Refresh

Manage relationships

New measure

Quick measure

New column

New table

Manage roles

View as

Sensitivity

Publish

ClipboardDataQueriesRelationshipsCalculationsSecuritySensitivityShare

CloseSave

Data view

Data

Search

You haven't loaded any data yet.

Get data

Name

financials

Mark as date table

Manage relationships

New measure

Quick measure

New column

New table

Structure

| Data view  |                          | Country                  | Product   | Discount Band | Units Sold | Manufacturing Price | Sale Price | Gross Sales | Discounts | Sales     | COGS      | Profit                 | Date                    | Month Number | Month Name | Year |
|------------|--------------------------|--------------------------|-----------|---------------|------------|---------------------|------------|-------------|-----------|-----------|-----------|------------------------|-------------------------|--------------|------------|------|
| Government |                          | Germany                  | Carretera | None          | 1513       | 3                   | 350        | 529550      | 0         | 529550    | 393380    | 136170                 | 1 Aralık 2014 Pazartesi | 12           | December   | 2014 |
|            |                          | Germany                  | Paseo     | None          | 1006       | 10                  | 350        | 352100      | 0         | 352100    | 261560    | 90540                  | 1 Haziran 2014 Pazar    | 6            | June       | 2014 |
|            |                          | Canada                   | Paseo     | None          | 1725       | 10                  | 350        | 603750      | 0         | 603750    | 448500    | 155250                 | 1 Kasım 2013 Cuma       | 11           | November   | 2013 |
|            |                          | Germany                  | Paseo     | None          | 1513       | 10                  | 350        | 529550      | 0         | 529550    | 393380    | 136170                 | 1 Aralık 2014 Pazartesi | 12           | December   | 2014 |
|            |                          | Germany                  | Velo      | None          | 1006       | 120                 | 350        | 352100      | 0         | 352100    | 261560    | 90540                  | 1 Haziran 2014 Pazar    | 6            | June       | 2014 |
|            |                          | France                   | VTT       | None          | 1527       | 250                 | 350        | 534450      | 0         | 534450    | 397020    | 137430                 | 1 Eylül 2013 Pazar      | 9            | September  | 2013 |
|            |                          | France                   | Amarilla  | None          | 2750       | 260                 | 350        | 962500      | 0         | 962500    | 715000    | 247500                 | 1 Şubat 2014 Cumartesi  | 2            | February   | 2014 |
|            |                          | Mexico                   | Carretera | Low           | 1210       | 3                   | 350        | 423500      | 4235      | 419265    | 314600    | 104665                 | 1 Mart 2014 Cumartesi   | 3            | March      | 2014 |
|            |                          | Mexico                   | Carretera | Low           | 1397       | 3                   | 350        | 488950      | 4889,5    | 484060,5  | 363220    | 120840,5               | 1 Ekim 2014 Çarşamba    | 10           | October    | 2014 |
|            |                          | France                   | Carretera | Low           | 2155       | 3                   | 350        | 754250      | 7542,5    | 746707,5  | 560300    | 186407,5               | 1 Aralık 2014 Pazartesi | 12           | December   | 2014 |
|            |                          | France                   | Paseo     | Low           | 2155       | 10                  | 350        | 754250      | 7542,5    | 746707,5  | 560300    | 186407,5               | 1 Aralık 2014 Pazartesi | 12           | December   | 2014 |
|            |                          | Canada                   | VTT       | Low           | 943,5      | 250                 | 350        | 330225      | 3302,25   | 326922,75 | 245310    | 81612,75               | 1 Nisan 2014 Salı       | 4            | April      | 2014 |
|            |                          | Mexico                   | VTT       | Low           | 1397       | 250                 | 350        | 488950      | 4889,5    | 484060,5  | 363220    | 120840,5               | 1 Ekim 2014 Çarşamba    | 10           | October    | 2014 |
|            |                          | Canada                   | Carretera | Low           | 2852       | 3                   | 350        | 998200      | 19964     | 978236    | 741520    | 236716                 | 1 Aralık 2014 Pazartesi | 12           | December   | 2014 |
|            |                          | Canada                   | Paseo     | Low           | 2852       | 10                  | 350        | 998200      | 19964     | 978236    | 741520    | 236716                 | 1 Aralık 2014 Pazartesi | 12           | December   | 2014 |
|            |                          | Germany                  | Velo      | Low           | 2966       | 120                 | 350        | 1038100     | 20762     | 1017338   | 771160    | 246178                 | 1 Ekim 2013 Salı        | 10           | October    | 2013 |
|            |                          | Germany                  | Velo      | Low           | 2877       | 120                 | 350        | 1006950     | 20139     | 986811    | 748020    | 238791                 | 1 Ekim 2014 Çarşamba    | 10           | October    | 2014 |
|            |                          | Germany                  | VTT       | Low           | 2877       | 250                 | 350        | 1006950     | 20139     | 986811    | 748020    | 238791                 | 1 Ekim 2014 Çarşamba    | 10           | October    | 2014 |
|            |                          | United States of America | VTT       | Low           | 266        | 250                 | 350        | 93100       | 1862      | 91238     | 69160     | 22078                  | 1 Aralık 2013 Pazar     | 12           | December   | 2013 |
|            |                          | Mexico                   | VTT       | Low           | 1940       | 250                 | 350        | 679000      | 13580     | 665420    | 504400    | 161020                 | 1 Aralık 2013 Pazar     | 12           | December   | 2013 |
|            |                          | Germany                  | Amarilla  | Low           | 2966       | 260                 | 350        | 1038100     | 20762     | 1017338   | 771160    | 246178                 | 1 Ekim 2013 Salı        | 10           | October    | 2013 |
|            |                          | Germany                  | Montana   | Low           | 1797       | 5                   | 350        | 628950      | 18868,5   | 610081,5  | 467220    | 142861,5               | 1 Eylül 2013 Pazar      | 9            | September  | 2013 |
|            |                          | Mexico                   | VTT       | Low           | 1642       | 250                 | 350        | 574700      | 17241     | 557459    | 426920    | 130539                 | 1 Ağustos 2014 Cuma     | 8            | August     | 2014 |
|            |                          | United States of America | Carretera | Low           | 274        | 3                   | 350        | 95900       | 3836      | 92064     | 71240     | 20824                  | 1 Aralık 2014 Pazartesi | 12           | December   | 2014 |
|            |                          | United States of America | Paseo     | Low           | 3450       | 10                  | 350        | 1207500     | 48300     | 1159200   | 897000    | 262200                 | 1 Temmuz 2014 Salı      | 7            | July       | 2014 |
|            |                          | United States of America | Paseo     | Low           | 274        | 10                  | 350        | 95900       | 3836      | 92064     | 71240     | 20824                  | 1 Aralık 2014 Pazartesi | 12           | December   | 2014 |
|            |                          | France                   | Velo      | Low           | 2177       | 120                 | 350        | 761950      | 30478     | 731472    | 566020    | 165452                 | 1 Ekim 2014 Çarşamba    | 10           | October    | 2014 |
|            |                          | United States of America | VTT       | Low           | 349        | 250                 | 350        | 122150      | 4886      | 117264    | 90740     | 26524                  | 1 Eylül 2013 Pazar      | 9            | September  | 2013 |
|            |                          | France                   | VTT       | Low           | 2177       | 250                 | 350        | 761950      | 30478     | 731472    | 566020    | 165452                 | 1 Ekim 2014 Çarşamba    | 10           | October    | 2014 |
|            |                          | Mexico                   | Amarilla  | Low           | 1865       | 260                 | 350        | 652750      | 26110     | 626640    | 484900    | 141740                 | 1 Şubat 2014 Cumartesi  | 2            | February   | 2014 |
|            | Germany                  | Amarilla                 | Low       | 1907          | 260        | 350                 | 667450     | 26698       | 640752    | 495820    | 144932    | 1 Eylül 2014 Pazartesi | 9                       | September    | 2014       |      |
|            | Canada                   | Amarilla                 | Low       | 1778          | 260        | 350                 | 622300     | 24892       | 597408    | 462280    | 135128    | 1 Aralık 2013 Pazar    | 12                      | December     | 2013       |      |
|            | France                   | Montana                  | Medium    | 1384,5        | 5          | 350                 | 484575     | 24228,75    | 460346,25 | 359970    | 100376,25 | 1 Ocak 2014 Çarşamba   | 1                       | January      | 2014       |      |
|            | Mexico                   | Montana                  | Medium    | 720           | 5          | 350                 | 252000     | 12600       | 239400    | 187200    | 52200     | 1 Eylül 2013 Pazar     | 9                       | September    | 2013       |      |
|            | United States of America | Paseo                    | Medium    | 602           | 10         | 350                 | 210700     | 10535       | 200165    | 156520    | 43645     | 1 Haziran 2014 Pazar   | 6                       | June         | 2014       |      |
|            | Canada                   | Paseo                    | Medium    | 1228          | 10         | 350                 | 429800     | 21490       | 408310    | 319280    | 89030     | 1 Ekim 2013 Salı       | 10                      | October      | 2013       |      |
|            | United States of America | Velo                     | Medium    | 602           | 120        | 350                 | 210700     | 10535       | 200165    | 156520    | 43645     | 1 Haziran 2014 Pazar   | 6                       | June         | 2014       |      |
|            | Germany                  | Amarilla                 | Medium    | 1350          | 260        | 350                 | 472500     | 23625       | 448875    | 351000    | 97875     | 1 Şubat 2014 Cumartesi | 2                       | February     | 2014       |      |

Table: financials (700 rows)

Data

Search

financials

FileHomeHelp

PasteCutCopy

Get dataExcel workbookData hubSQL ServerEnter dataDataaverseRecent sources

Transform dataRefresh

Manage relationships

New measureNew columnNew table

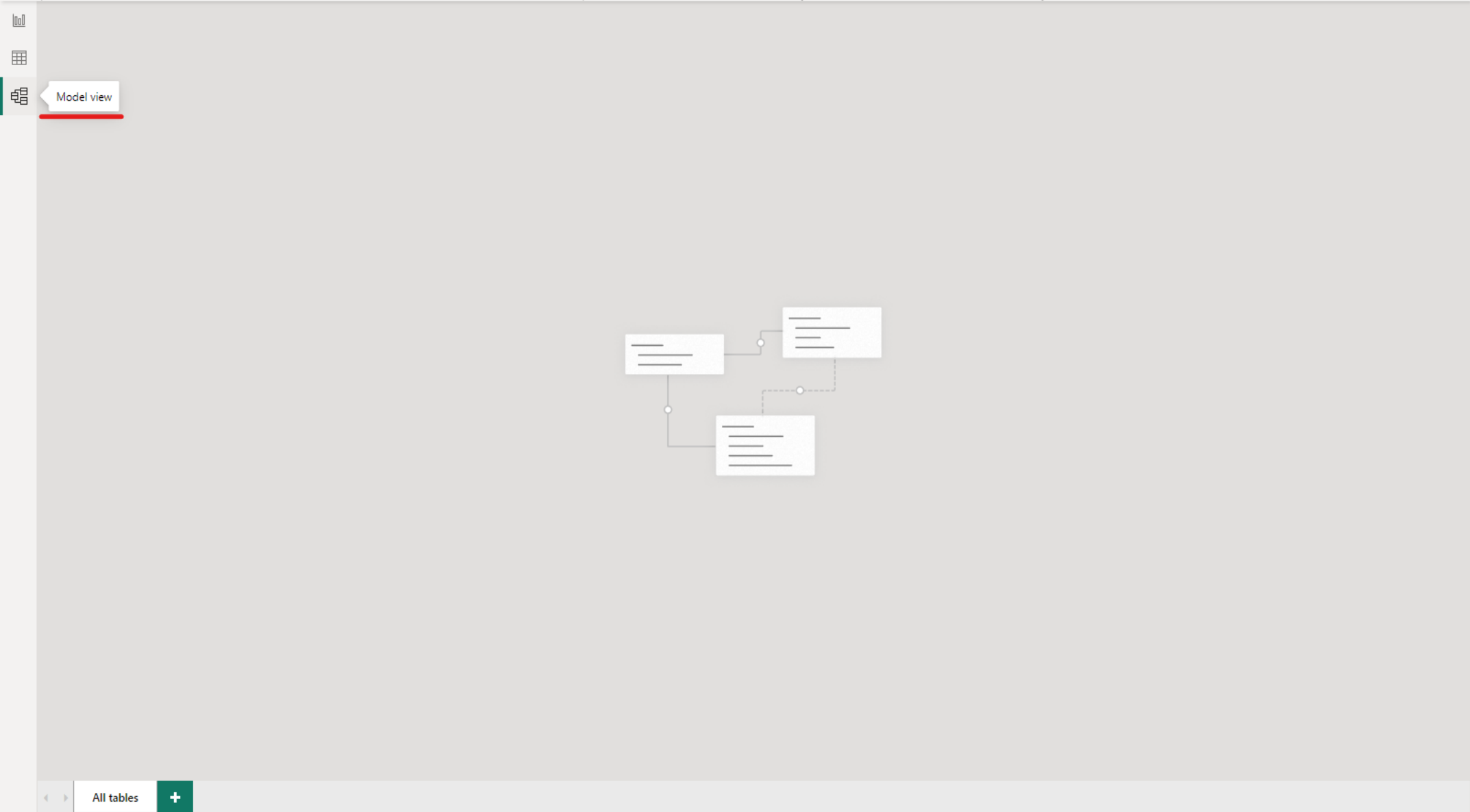
Manage rolesView as

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SensitivitySensitivity

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New measureNew columnNew table

Manage rolesView as

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SensitivitySensitivity

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ClipboardDataQueriesRelationshipsCalculationsSecurityQ&ALinguistic schemaSensitivityShare

Model view

financials

Σ Sales

Σ COGS

Country

📅 Date

Discount Band

Σ Discounts

Σ Gross Sales

Σ Manufacturing Price

Month Name

Collapse ^

PropertiesData

Cards

Search

Show the database in the header when applicable

No

Show related fields when card is collapsed

Yes

Pin related fields to top of card

No

financials

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Get dataExcelDataSQLEnter dataDataverseRecent sources

Transform dataRefresh

Manage relationships

New measure columnNew table

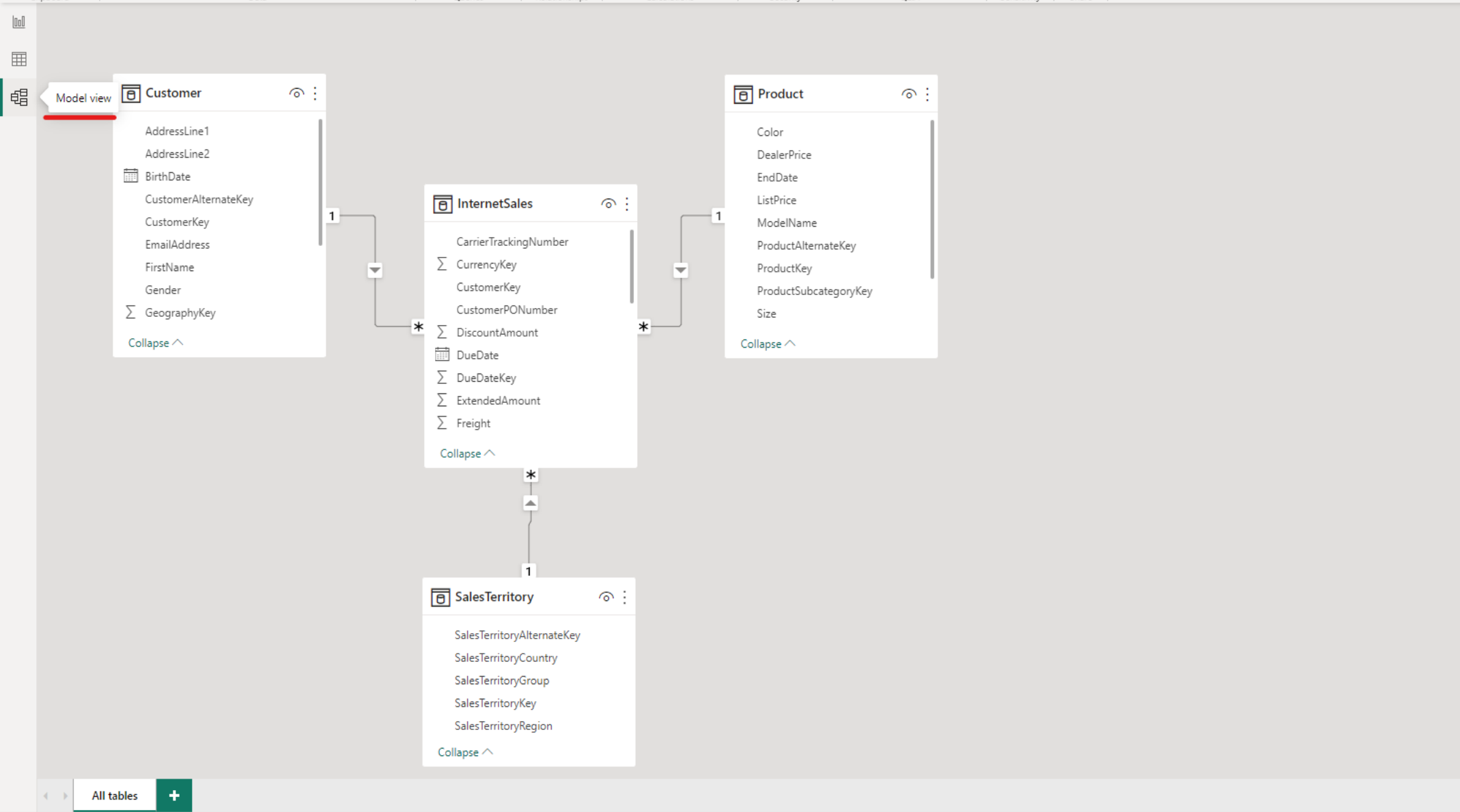
Manage rolesView as

Q&A setupLanguageLinguistic schema

Sensitivity

Publish

ClipboardDataQueriesRelationshipsCalculationsSecurityQ&ASensitivityShare



Properties


Data


Search

- Customer
- InternetSales
- Product
- SalesTerritory



# Power BI Desktop

 Get data

 Recent sources

Veri Modeli.pbix

C: » Users » Mustafa » Desktop » T...

Mini Dashboard.pbix

C: » Users » Mustafa » Desktop » T...

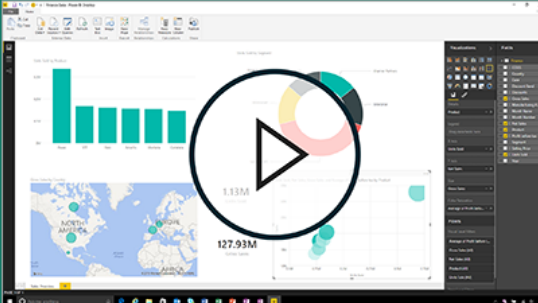
DAX DERS.pbix

Desktop


DAX.pbix


C: » Users » Mustafa » Desktop » T...


Open other reports




Getting started with Power BI Desktop

  
Building reports

  
Query view concepts


  
Uploading your reports


  
Create a Phone report


☒ Show this screen on startup


## Add data to your report

Once loaded, your data will appear in the **Data** pane.

  
Import data from Excel

  
Import data from SQL Server

  
Paste data into a blank table

  
Try a sample dataset

Get data from another source →

Untitled - Power BI Desktop

File Home Insert Modeling View Optimize Help

Paste Cut Copy Format painter Clipboard

Get data Excel workbook Data SQL Server Enter data Dataverse Recent sources Transform Refresh data Queries

**Common data sources**

- Excel workbook
- Power BI datasets
- Dataflows
- Dataverse
- SQL Server
- Analysis Services
- Text/CSV
- Web
- OData feed
- Blank query
- Power BI Template Apps
- More...

On

Import data from Excel

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File Home Help

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Get data Excel workbook Data SQL Server Enter data Dataverse Recent sources Transform Refresh data Queries

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Paste Cut Copy Clipboard

Get data Excel workbook Data SQL Server Enter data Dataverse Recent sources Transform Refresh data Queries

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- Excel workbook
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- SQL Server
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- Web
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- Blank query
- Power BI Template Apps
- More...





**Bugünkü ders verimli  
geçti**

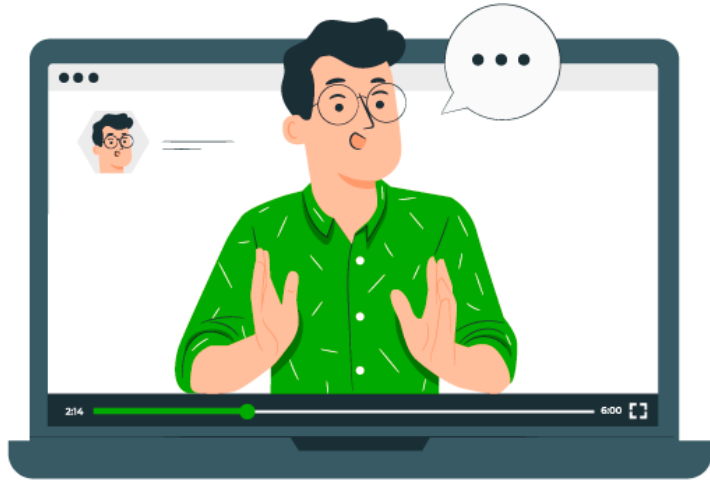




**Sorunuz var mı ?**



# Next Session



**Sonraki derste ne  
öğreneceğiz?**

## Power BI

- ⦿ Power Query (Sorgu Düzenleyici)
- ⦿ ETL Process (Extract-Transform-Load)
- ⦿ Run Python Script
- ⦿ Data Model (Relationship)

Tea break...

10:00



mins:  secs:  type: