

# From Excel to Insights with Power BI

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# Introductions



## Sabrina Da Motta Zenatti

Independent Power BI and Analytics Consultant

Sabrina is a dog lover and enjoys working with Power BI since it was released in 2015. She has 7 years of experience with Power BI and Data & Analytics and over 15 years of experience in Finance/Accounting. Sabrina is the Perth Microsoft Data and Analytics User Group leader, where she organizes monthly technical sessions.

**Connect**



[in /sabinamottazenatti](#)



## Sergio Zenatti Filho

Senior Cloud Solution Architect at Microsoft

Sergio has over 20 years of experience designing and delivering Data and Analytics Solutions. He has extensive experience in the Microsoft Data and Analytics Platform in the cloud and also on-premises. Sergio is passionate about learning new technology and helping customers to define the best solution for their business.

**Connect**



[in /sergiozenatti](#)

# Agenda

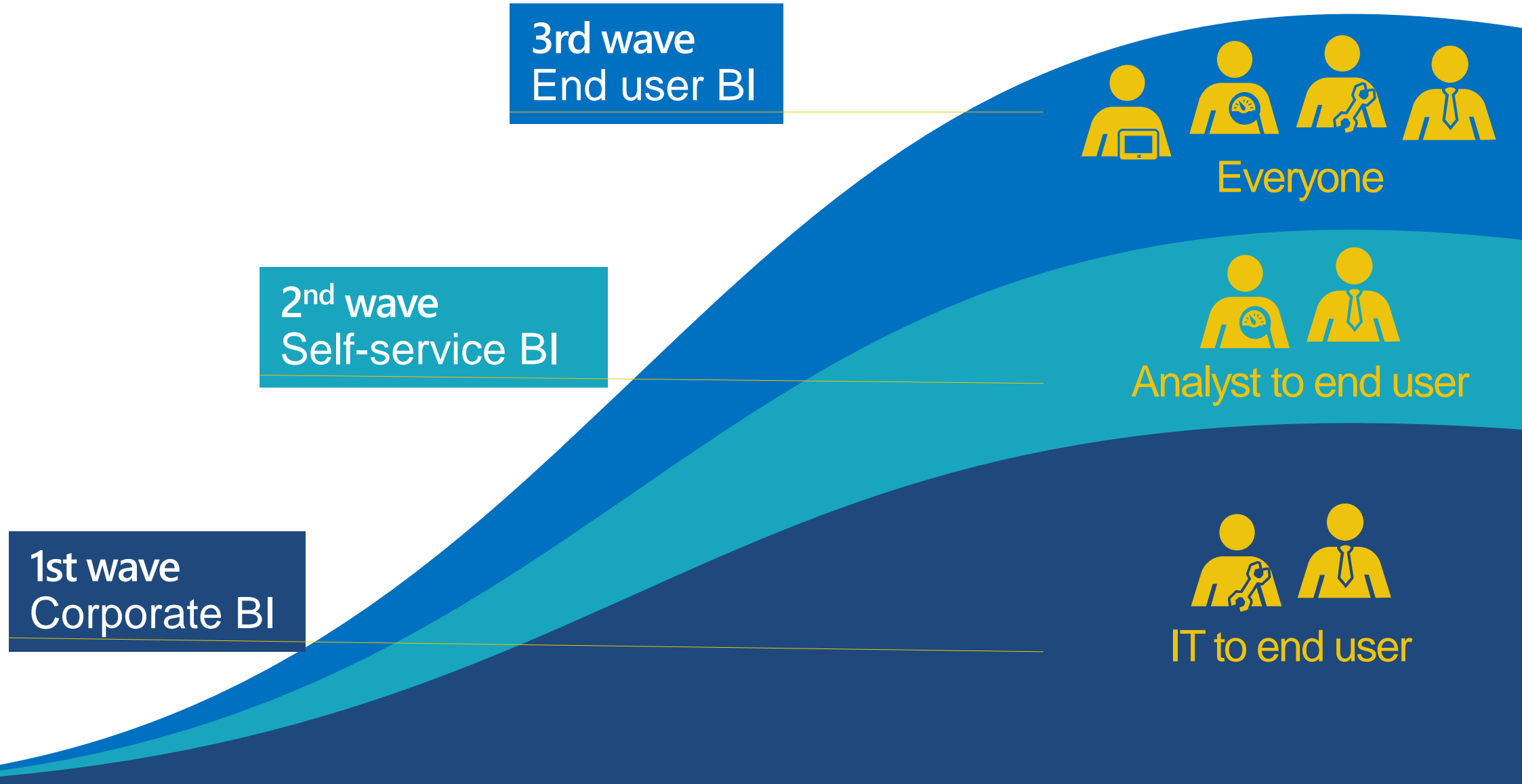
Evolution of Business Intelligence

Introduction to Power BI

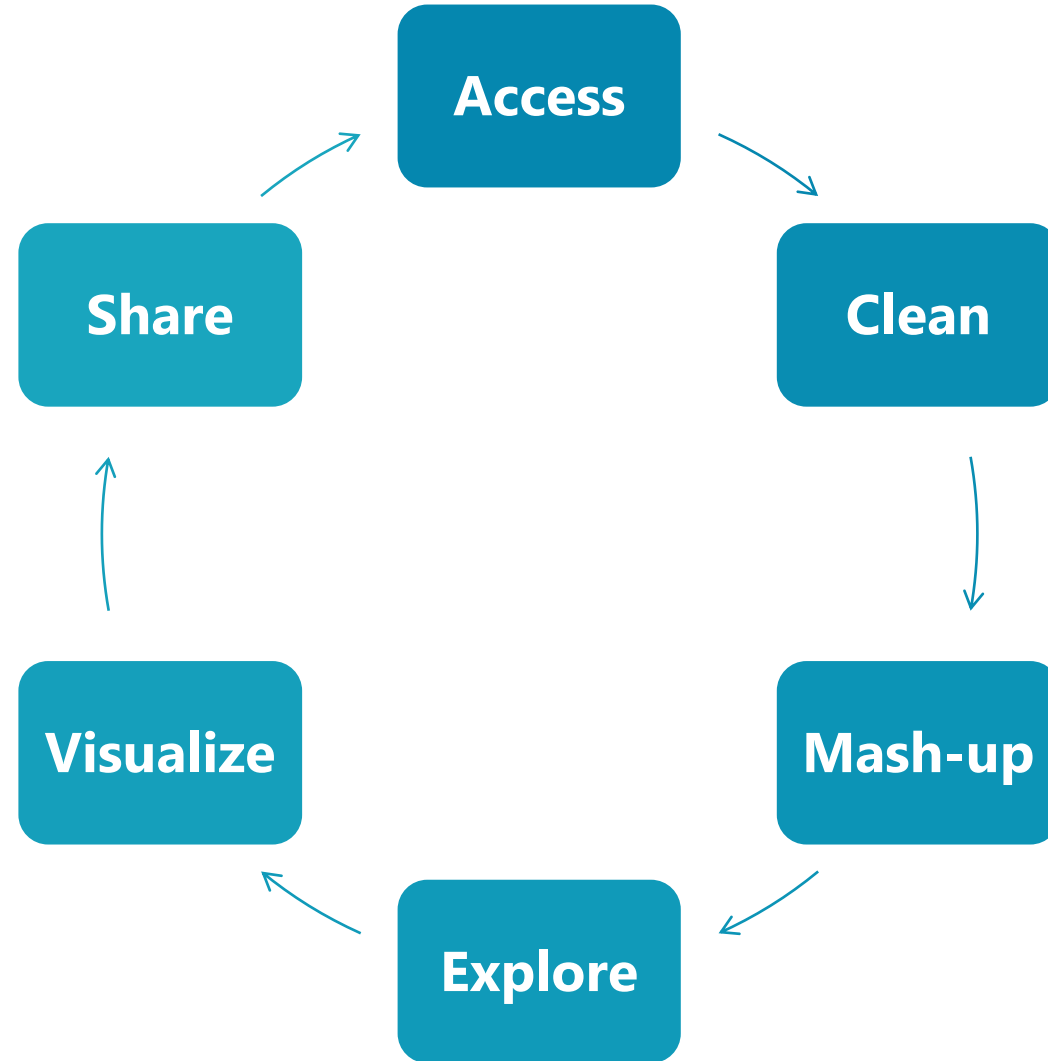
Power BI Navigation

Hands-on Lab with Power BI Desktop

# The Evolution of BI

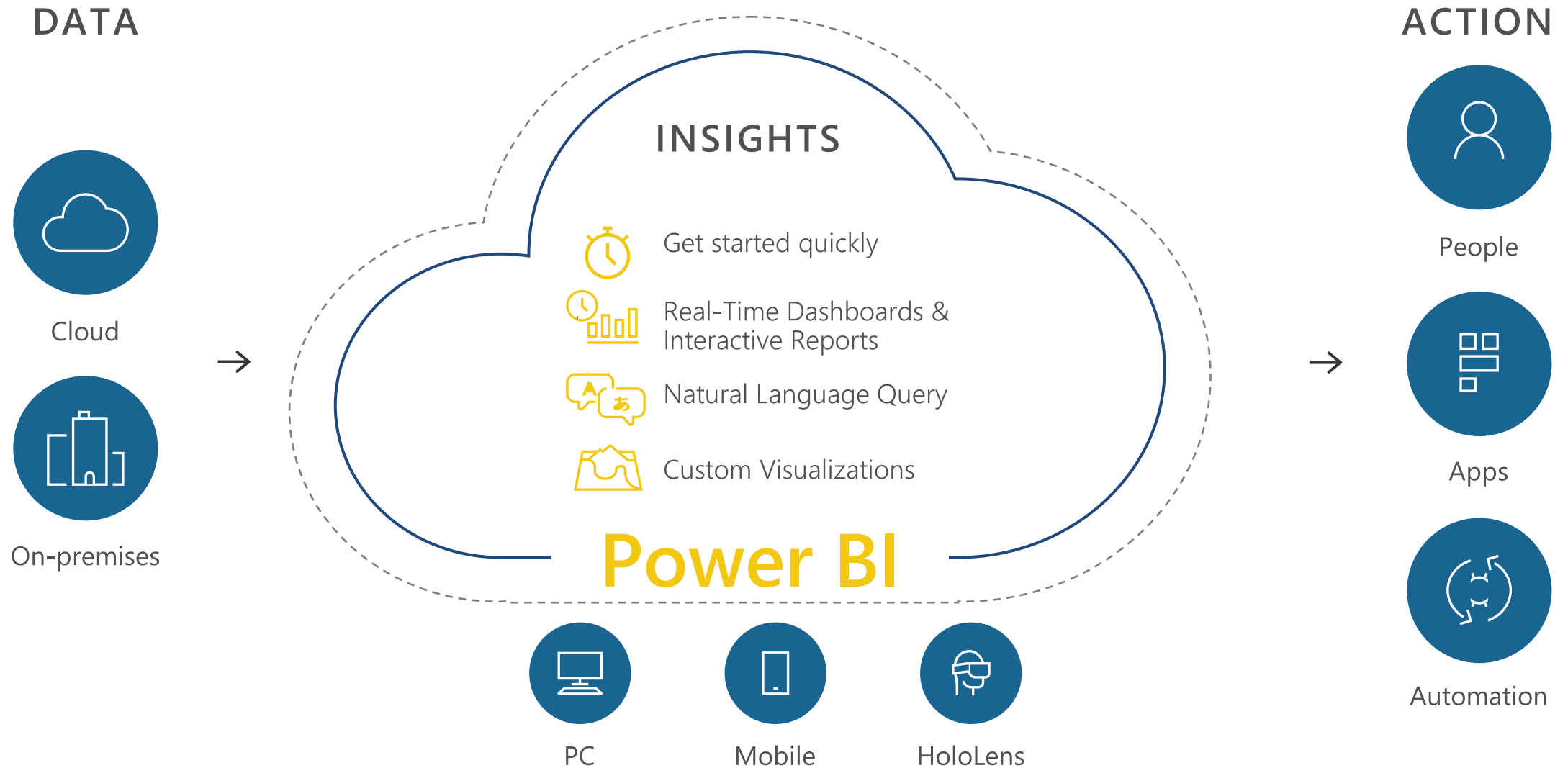


# End User Needs

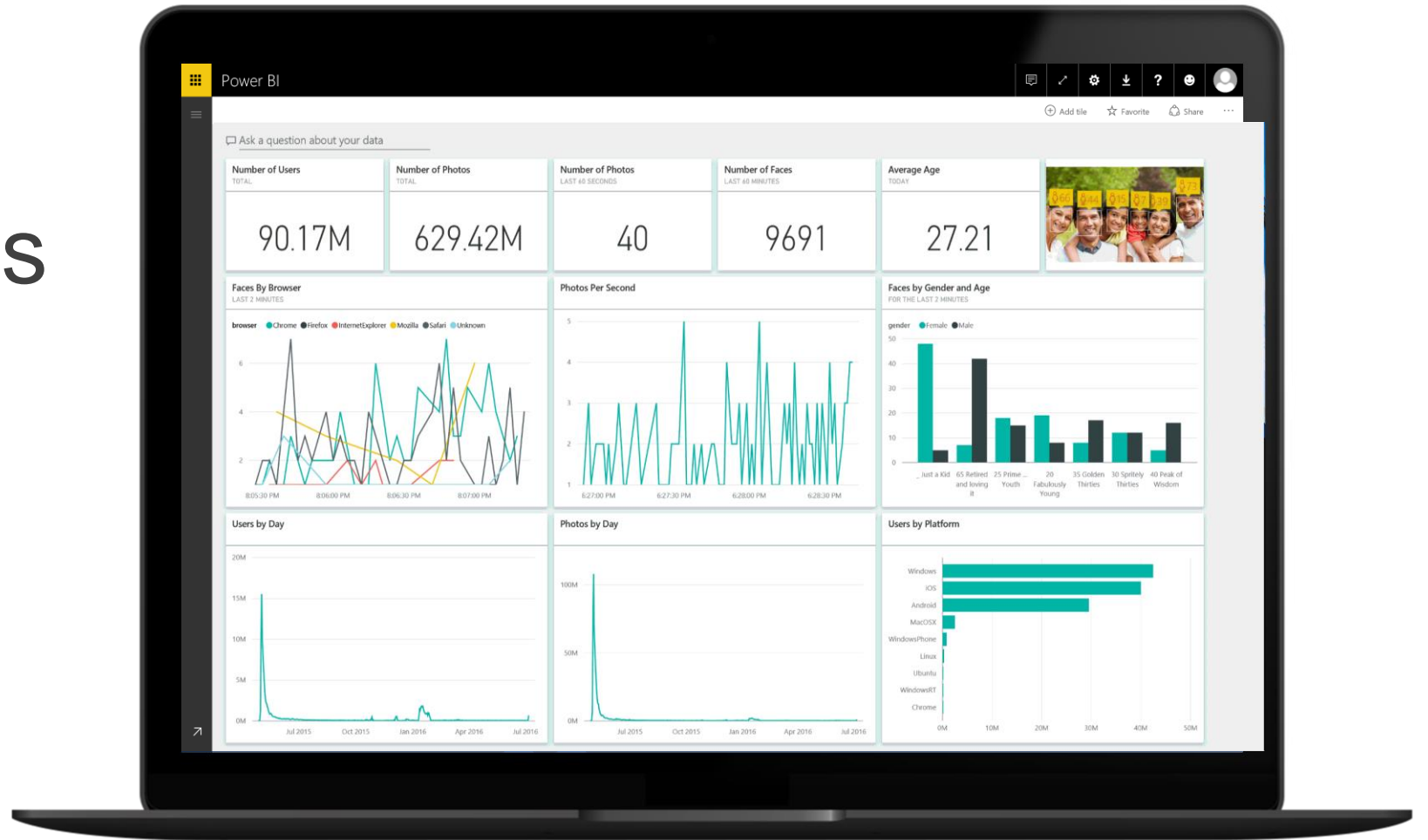


# Power BI: experience your data

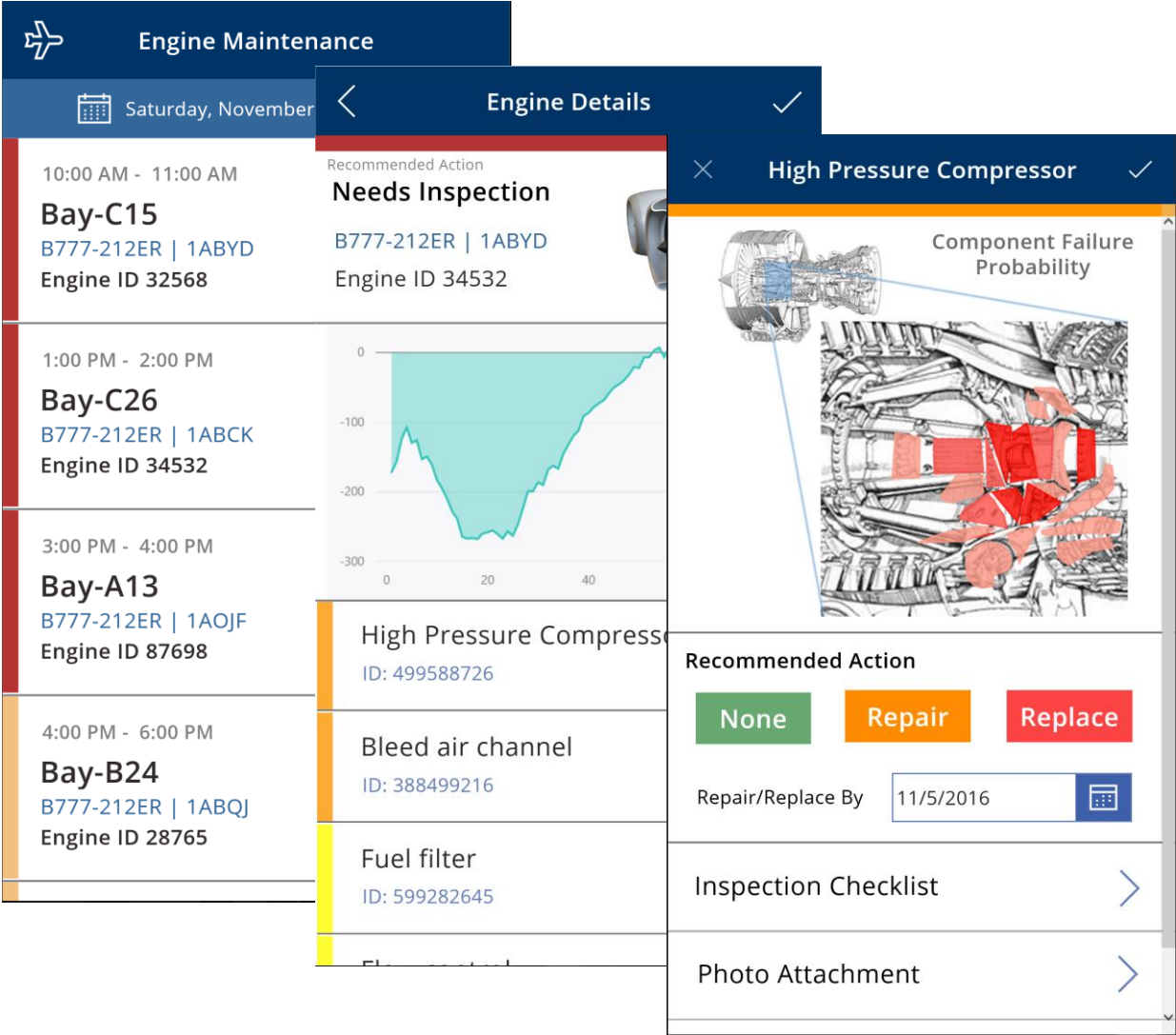
Any data, any way, anywhere



Run your business  
in real time with  
live dashboards

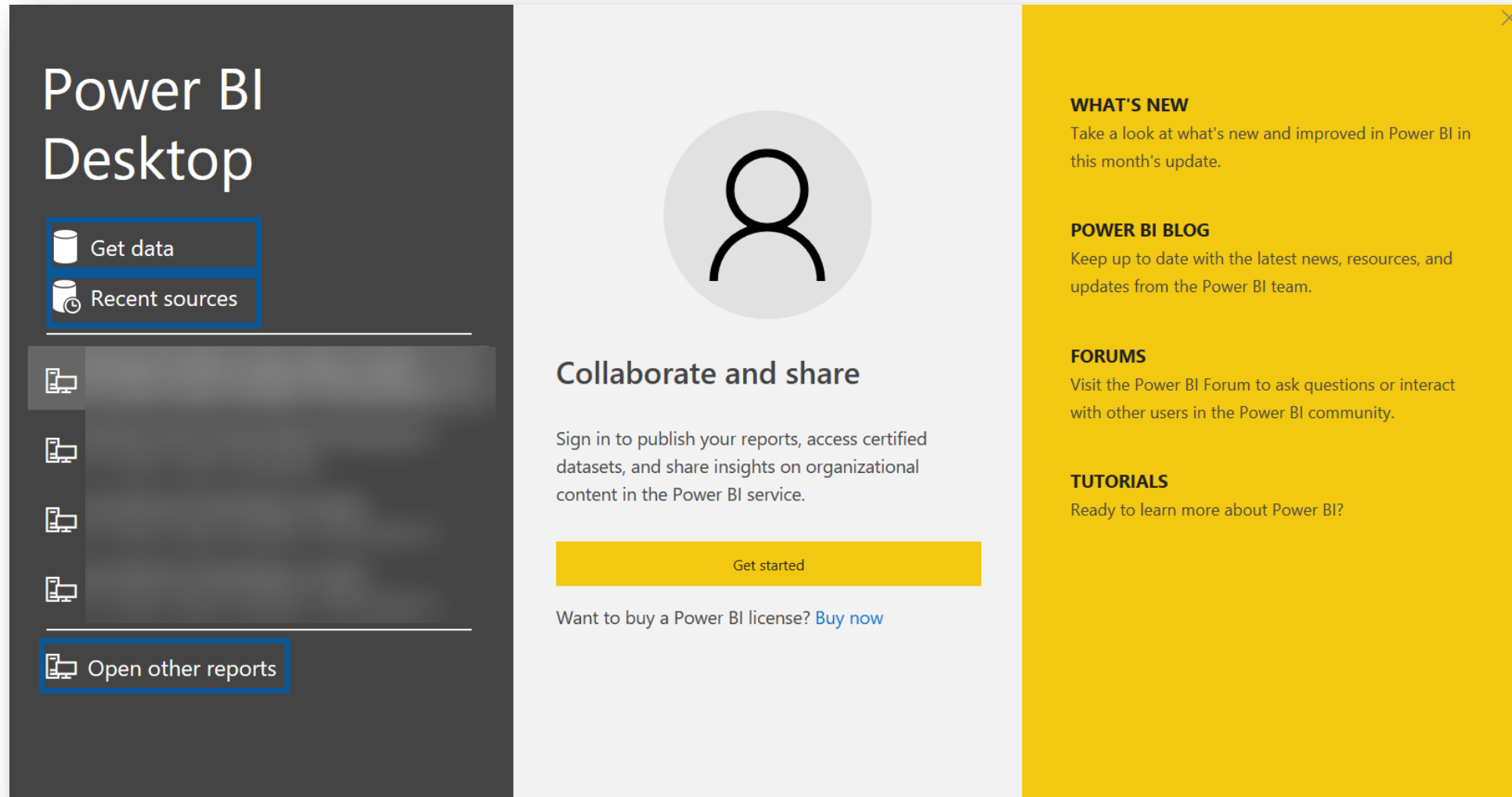


Get from insights to actions quickly





# Power BI Welcome page



The image shows the Power BI Desktop welcome page. It is divided into three main vertical sections. The left section is dark gray and contains the title 'Power BI Desktop' at the top. Below it are two buttons: 'Get data' and 'Recent sources', both with database cylinder icons. Further down is a list of report thumbnails, each with a small icon of a report on a screen. At the bottom of this section is a button 'Open other reports' with a report icon. The middle section is light gray and features a large circular placeholder for a user profile picture. Below this is the heading 'Collaborate and share' followed by a paragraph about signing in to publish reports and share insights. A yellow 'Get started' button is positioned below the paragraph, and a link 'Buy now' is provided for purchasing a license. The right section is bright yellow and contains four links: 'WHAT'S NEW', 'POWER BI BLOG', 'FORUMS', and 'TUTORIALS', each with a short descriptive sentence. A close button (X) is in the top right corner of this section.

## Power BI Desktop

Get data

Recent sources

Open other reports

### Collaborate and share

Sign in to publish your reports, access certified datasets, and share insights on organizational content in the Power BI service.

Get started

Want to buy a Power BI license? [Buy now](#)

#### WHAT'S NEW

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

#### POWER BI BLOG

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

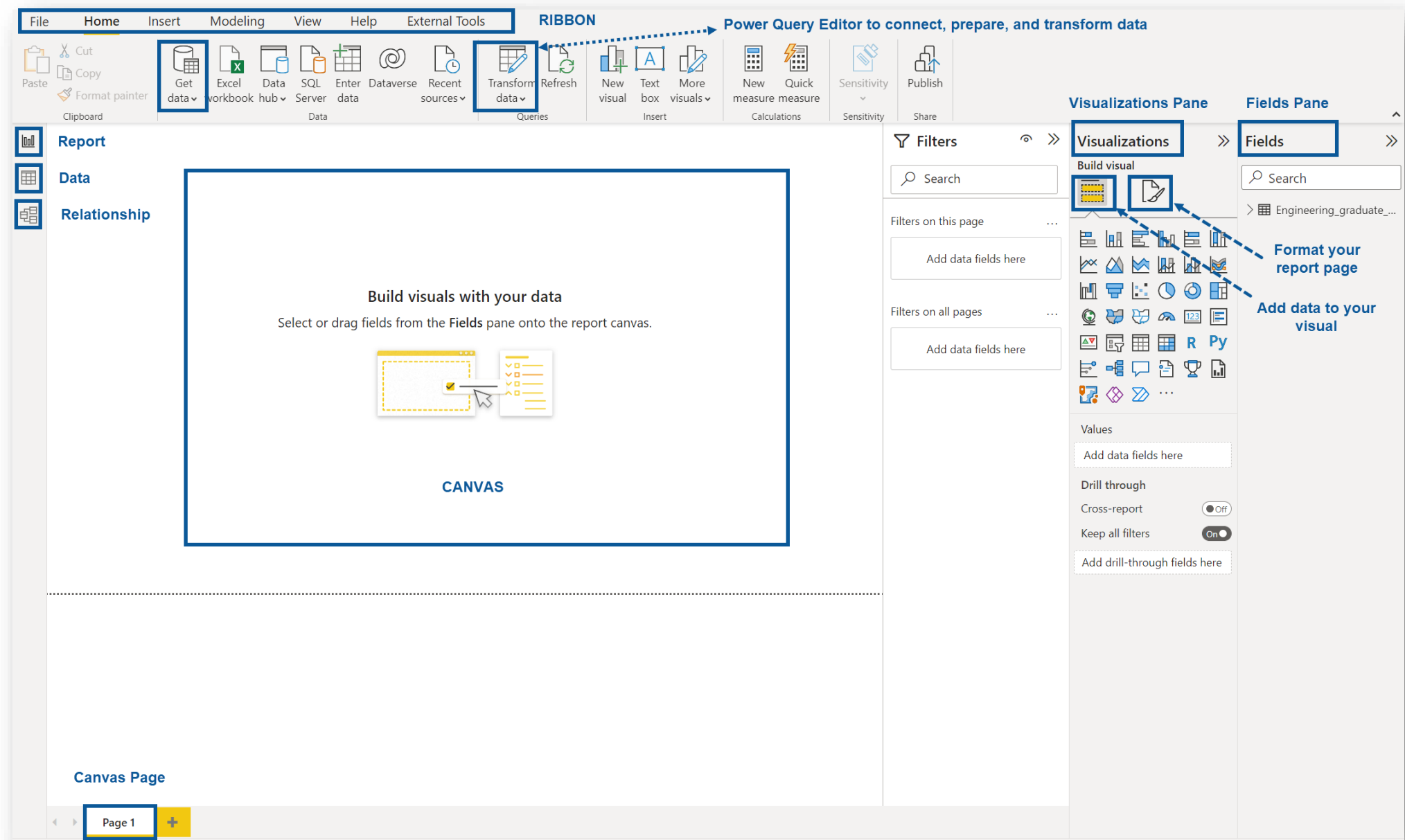
#### FORUMS

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

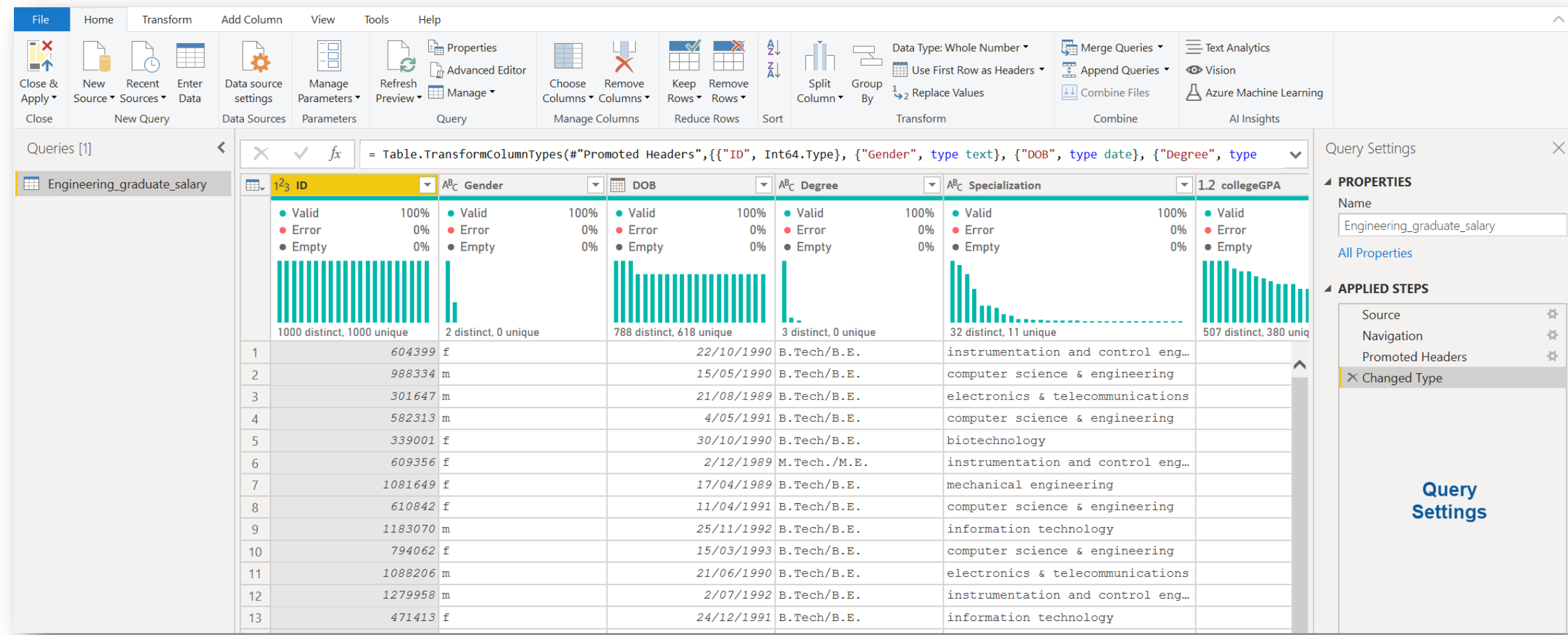
#### TUTORIALS

Ready to learn more about Power BI?

# Navigating – Power BI Desktop



# Data Transformation in Power BI



# Hands-on Lab

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# Data Description

## Engineering Graduates in India

India has a total 6,214 Engineering and Technology Institutions in which around 2.9 million students are enrolled. Every year on an average 1.5 million students get their degree in engineering, but due to lack of skill required to perform technical jobs less than 20 percent get employment in their core domain.

*[source of information: BWEDUCATION]*

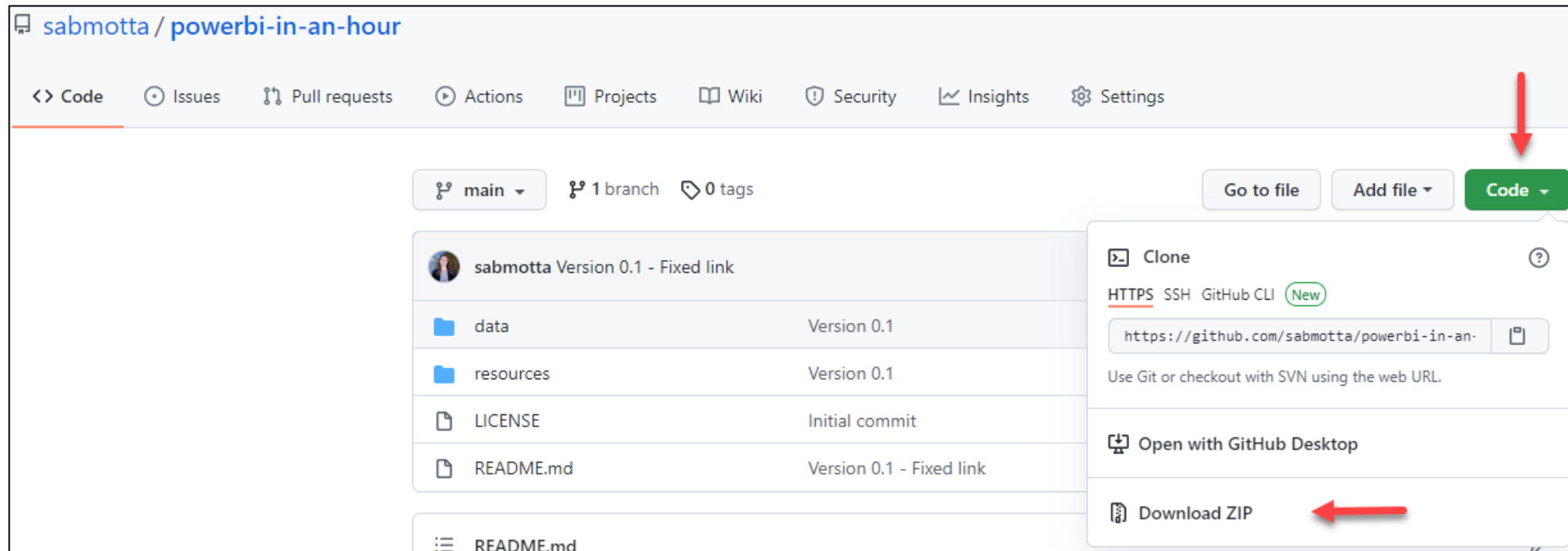
<b>ID:</b> A unique ID to identify a candidate	<b>CollegeState:</b> Name of the state in which the college is located
<b>Salary:</b> Annual CTC offered to the candidate (Indian Rupee)	<b>GraduationYear:</b> Year of graduation (Bachelor's degree)
<b>Gender:</b> Candidate's gender	<b>English:</b> Scores in AMCAT English section
<b>DOB:</b> Date of birth of the candidate	<b>Logical:</b> Score in AMCAT Logical ability section
<b>Degree:</b> Degree obtained/pursued by the candidate	<b>Quant:</b> Score in AMCAT's Quantitative ability section
<b>Specialization:</b> Specialization pursued by the candidate	<b>Domain:</b> Scores in AMCAT's domain module
<b>CollegeGPA:</b> Aggregate GPA at graduation	<b>openessfoexperience:</b> Scores in one of the sections of AMCAT's personality test

Reference: <https://www.kaggle.com/manishkc06/engineering-graduate-salary-prediction>

# GitHub

## Instructions - Lab Prep

- ❖ Clone or Download this repo to your local C:\ <https://github.com/sabmotta/powerbi-in-an-hour>
- ❖ Extract to a new folder named "Power BI". E.g. C:\Power BI



# What next?

- Get started with Power BI - <https://learn.microsoft.com/en-au/training/paths/get-started-power-bi/>
- Consume data with Power BI - <https://learn.microsoft.com/en-us/training/paths/consume-data-with-power-bi/>
- Create and use analytics reports with Power BI - <https://learn.microsoft.com/en-au/training/paths/create-use-analytics-reports-power-bi/>
- Visualize data in Power BI - <https://learn.microsoft.com/en-us/training/paths/visualize-data-power-bi/>
- Data analysis in Power BI - <https://learn.microsoft.com/en-us/training/paths/perform-analytics-power-bi/>
- Get and transform data with Power BI - <https://learn.microsoft.com/en-us/training/paths/get-transform-data-power-bi/>
- Model data in Power BI - <https://learn.microsoft.com/en-us/training/paths/model-power-bi/>

**Meetup:** <https://www.meetup.com/en-AU/Perth-Microsoft-Data-And-Analytics-User-Group/>

# Q&A



# Thank You!!!

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**Sabrina Da Motta Zenatti**

Independent Power BI and Analytics Consultant



**Sergio Zenatti Filho**

Senior Cloud Solution Architect at Microsoft







# Reactor

Join our community:

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