

Power BI

From Zero to Hero

2022 series of talks & presentations
in preparation for PL-300 (old DA-100)

Power BI

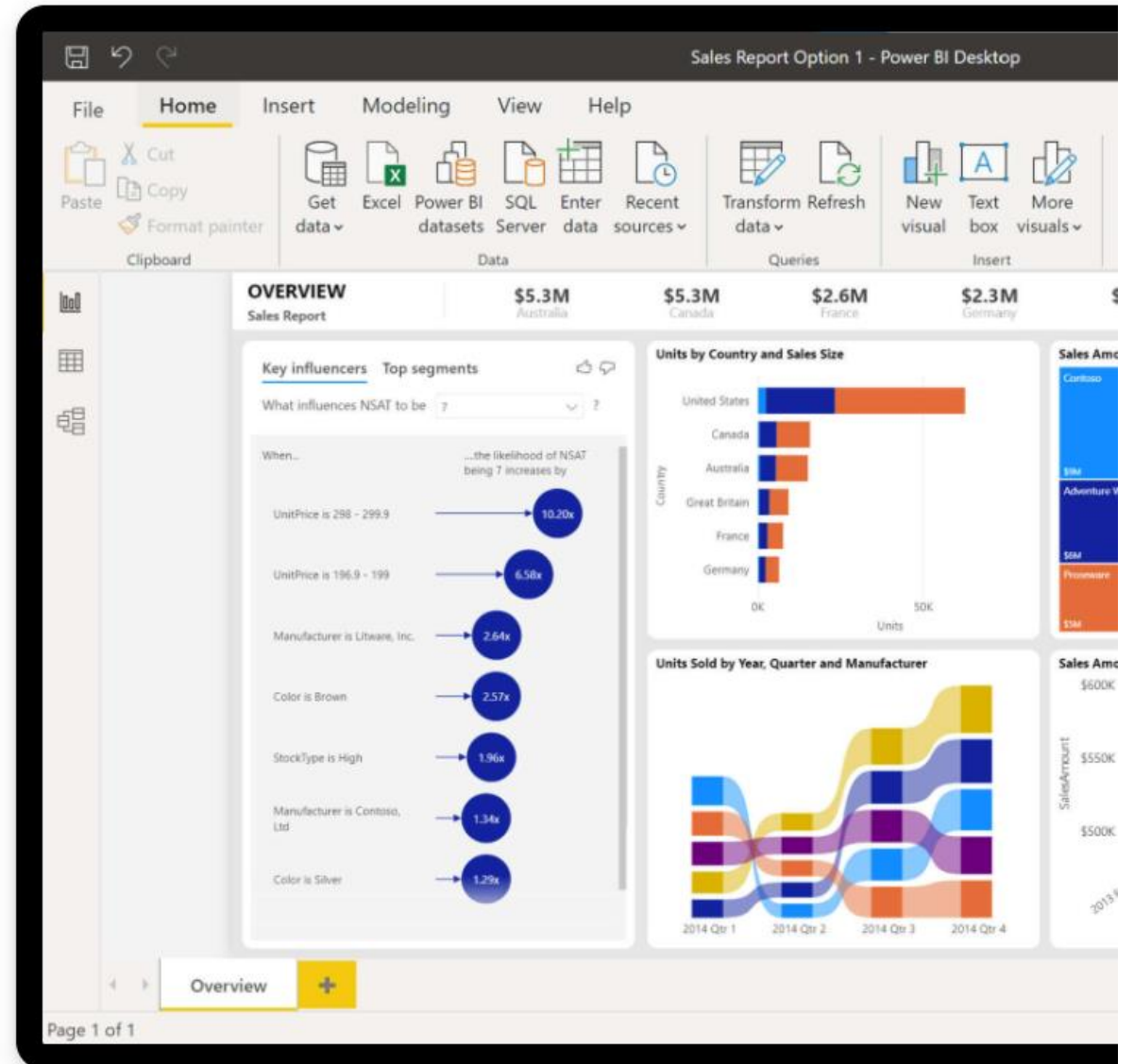
preparation for PL-300 (old DA-100) online training course



Introduction to Power BI free online training

POWER BI BEGINNER Preparation DA-100 & PL-300

Monday 14th FEB
21:00 GMT



Power BI

Introduction to Power BI and your first Power BI report.

- Recording on Youtube. Leave if not happy to be recorded
- Each session sign up on Meetup.com for the live call
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- Microphones on mute....you are been recorded !!

David Moss



@wottabyte



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Azure | Power Platform | D365 Solutions Architect

Delivering end to end Azure, Power Platform, D365 BI hybrid solutions with a passion for Power Platform integration & Power BI reports across IoT, e-commerce, telcos, fintech, manufacturing & blockchain verticals.

MVP Data Platform

Since 2017 awarded MVP - Microsoft Valued Professional - for my community contributions.

Leader of Power BI meetup user groups online.

Community & conference presenter & MCT

ACMA, CGMA Accountant

A qualified ACMA accountant all my career which keeps me commercially aware & business facing partner on projects.

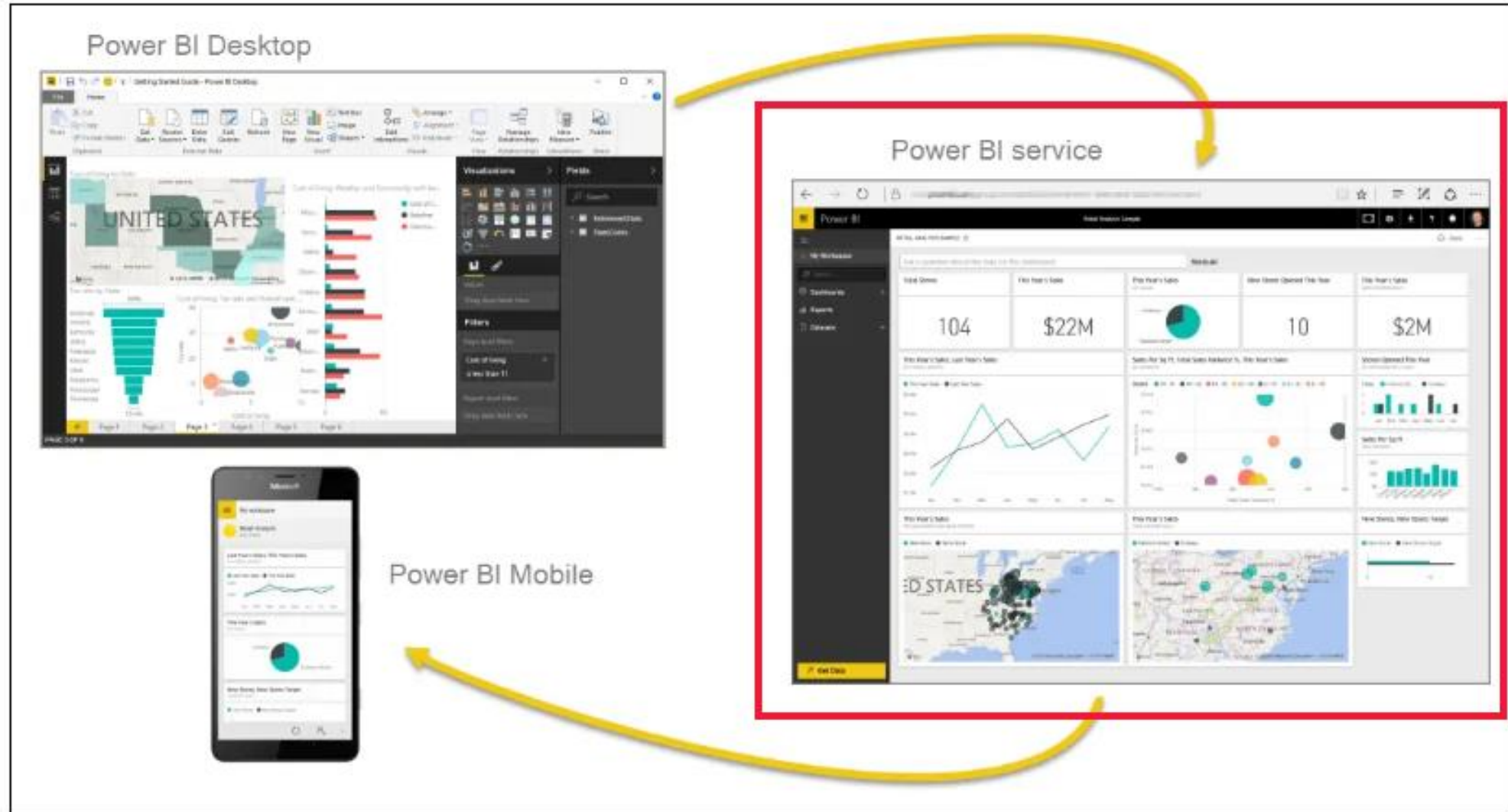


Power BI

series of talks & presentations
in preparation for PL-300 (old DA-100)

- Introduction to Power BI and your first Power BI report.
- Use Power Query Editor to get data & prepare your data.
- Use Power BI desktop to structure & create datamodels.
- Design & configure Power BI visuals like charts, maps & KPIs.
- Add user friendly report navigation features, slicers & tooltips.
- Publish & share Power BI reports & dashboards.
- Get to grips with Power BI cloud service & mobile features.
- Enhance your data with DAX for KPIs reporting.
- Data analytics reporting & AI features in Power BI.
- Power BI at work with workspaces, datasets & security.

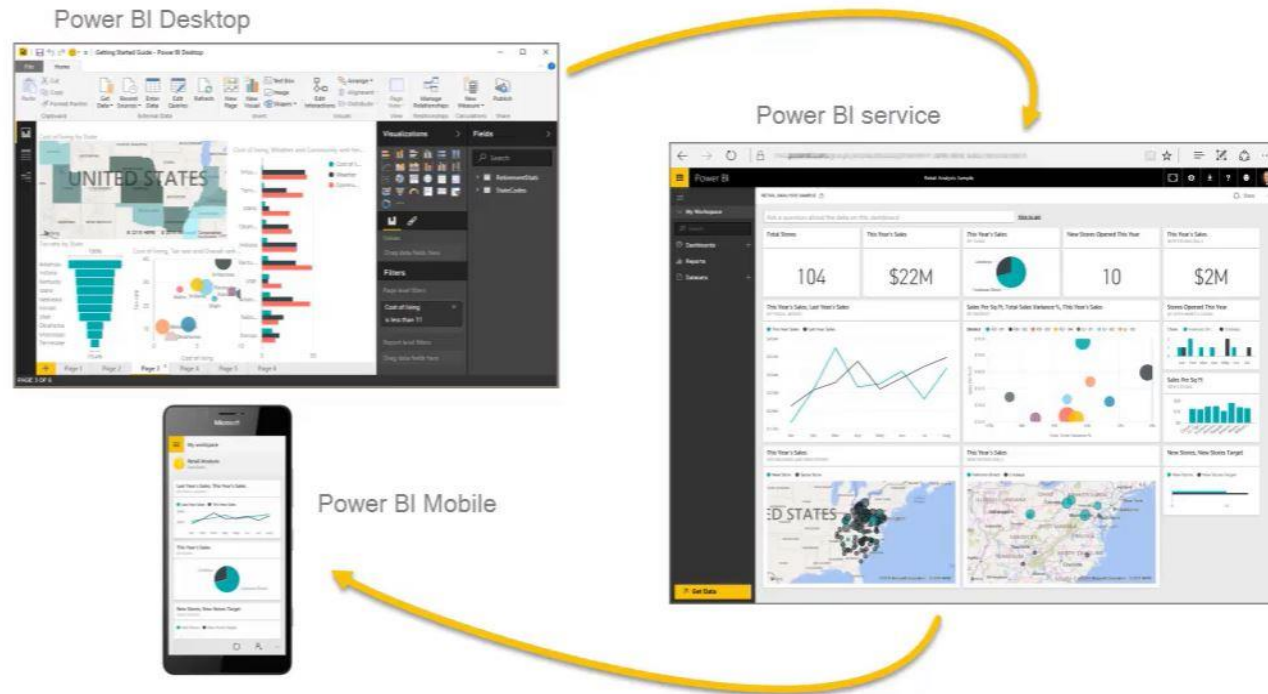
What is Power BI ?



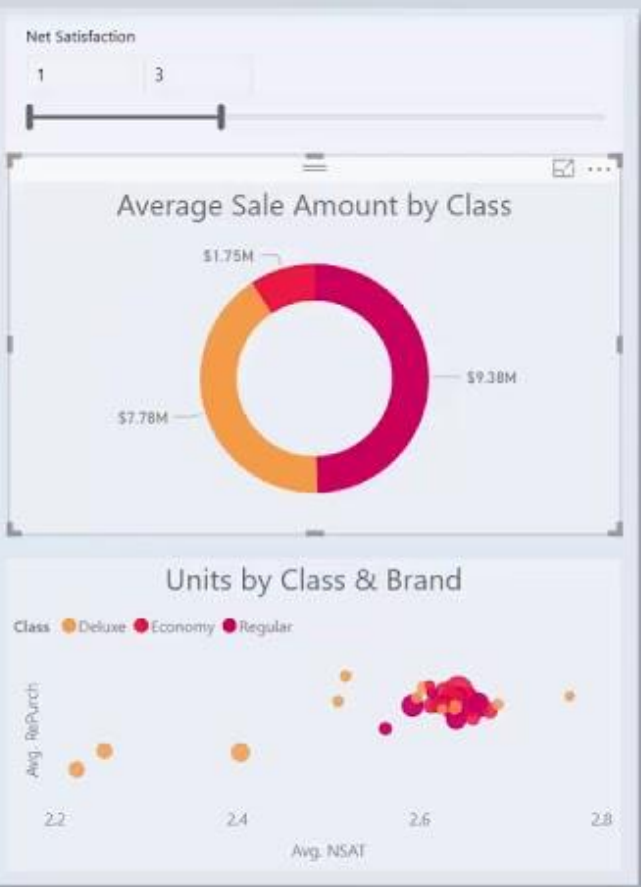
PBI Desktop, PBI Service, PBI Mobile apps

Parts of Power BI

These three elements—Desktop, the service, and Mobile apps—are designed to let people create, share, and consume business insights



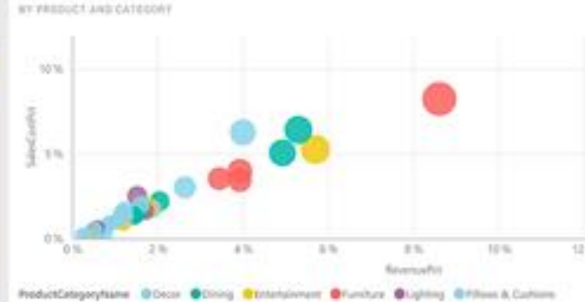
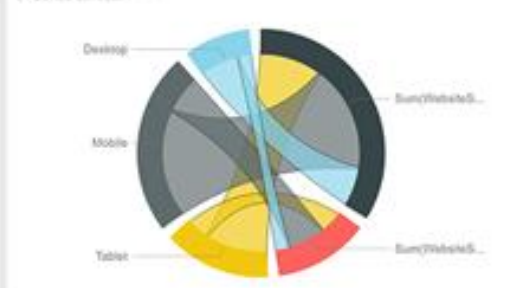
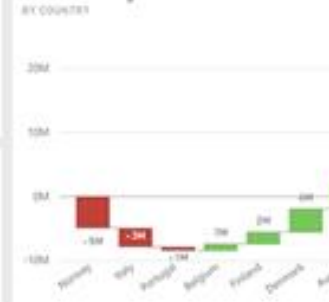
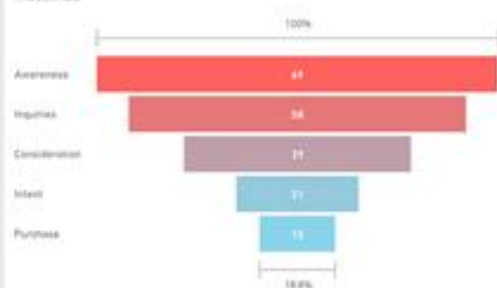
<https://powerbi.microsoft.com/en-gb/>



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Grid of visualization icons.
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Data colors
Detail labels: On
Shapes
Inner radius: 68
Revert to default
Title: On
Background: On
Lock aspect: Off
Border: Off
Tooltip
General

FIELDS
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BrandName
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Class
Color
Country
CustomerAcc...
Manufacturer
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ProdID
ProductDescri...
ProductLabel
ProductName
RePurch
Sale Size
SalesAmount
SalesAmount ...
SalesChannel...
SalesOrderID
StockType
StoreKey
StyleName
SubCategory
Units

- ☆ Favorites
- 🕒 Recent
- 🗂 Apps
- 👤 Shared with me
- 📁 Workspaces
- 📊 Executive Dashboards
- DASHBOARDS**
 - Summary
- REPORTS**
 - Finance
 - Marketing
 - Operations
- WORKBOOKS**
 - You have no workbooks
- DATASETS**
 - Finance
 - Marketing
 - Operations



Power BI Desktop

- Download Power BI Desktop from <https://powerbi.microsoft.com/>
- Install
- Build your first report - use blog next page
- Quick look at PBI Desktop features
- Save your report as .pbix
- Get a Microsoft account
- Publish to Power BI Service <app.powerbi.com>

Power BI Desktop

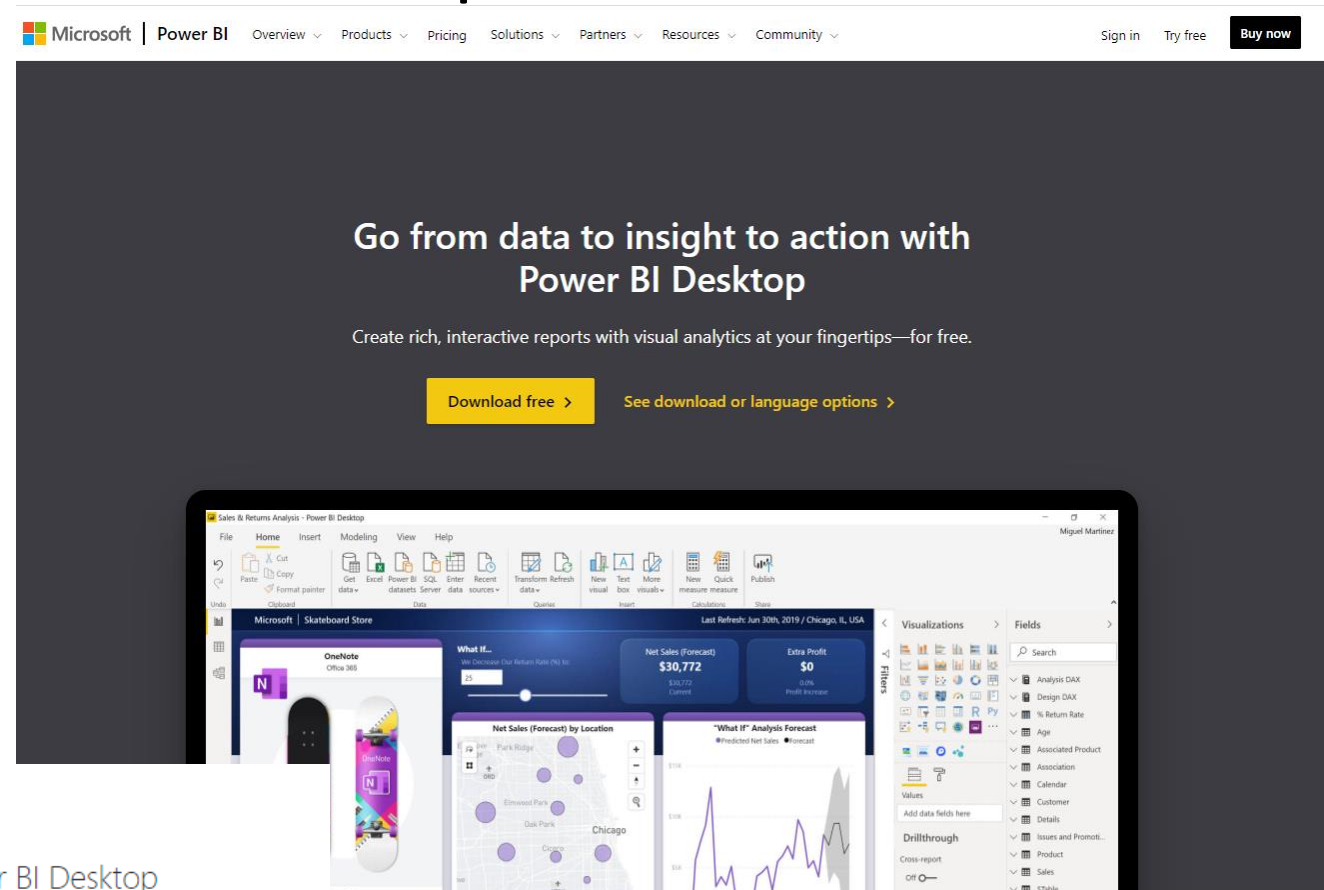
- Download Power BI Desktop
- Windows Store - W10 app
- Or Download desktop version
- 32 bit or 64 bit
- Windows not Apple

What is PBI desktop ?

<https://docs.microsoft.com/en-us/power-bi/fundamentals/desktop-getting-started>

Desktop : <https://powerbi.microsoft.com/en-us/desktop/>

Store : <https://aka.ms/pbidesktopstore>



Thank you for downloading Microsoft Power BI Desktop

If your download does not start after 30 seconds, [click here to download manually](#)

Installation note:

In the following Install Instructions, please start at the step after the mention of clicking the Download button.

 [Install Instructions](#)

Paste Cut Copy Format painter Clipboard

Get data

Power BI Desktop

Get data

Recent sources

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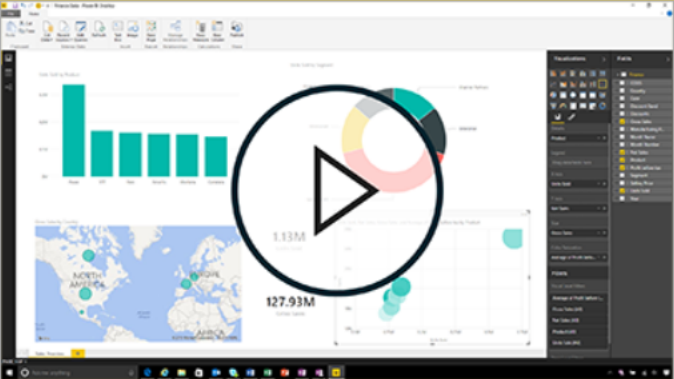
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CyrptoTrader.pbix
Documents




32.4 ControlChart 6 sigma....
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Open other reports

David Moss



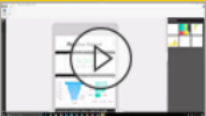
Getting started with Power BI Desktop



Building reports

Query view concepts

Uploading your reports



Create a Phone report

VIEW ALL VIDEOS

✓ Show this screen on startup

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

Fields

Values

Add data fields here

Drill through

Cross-report

Off

Keep all filters

On

Add drill-through fields here

1 - build your first report

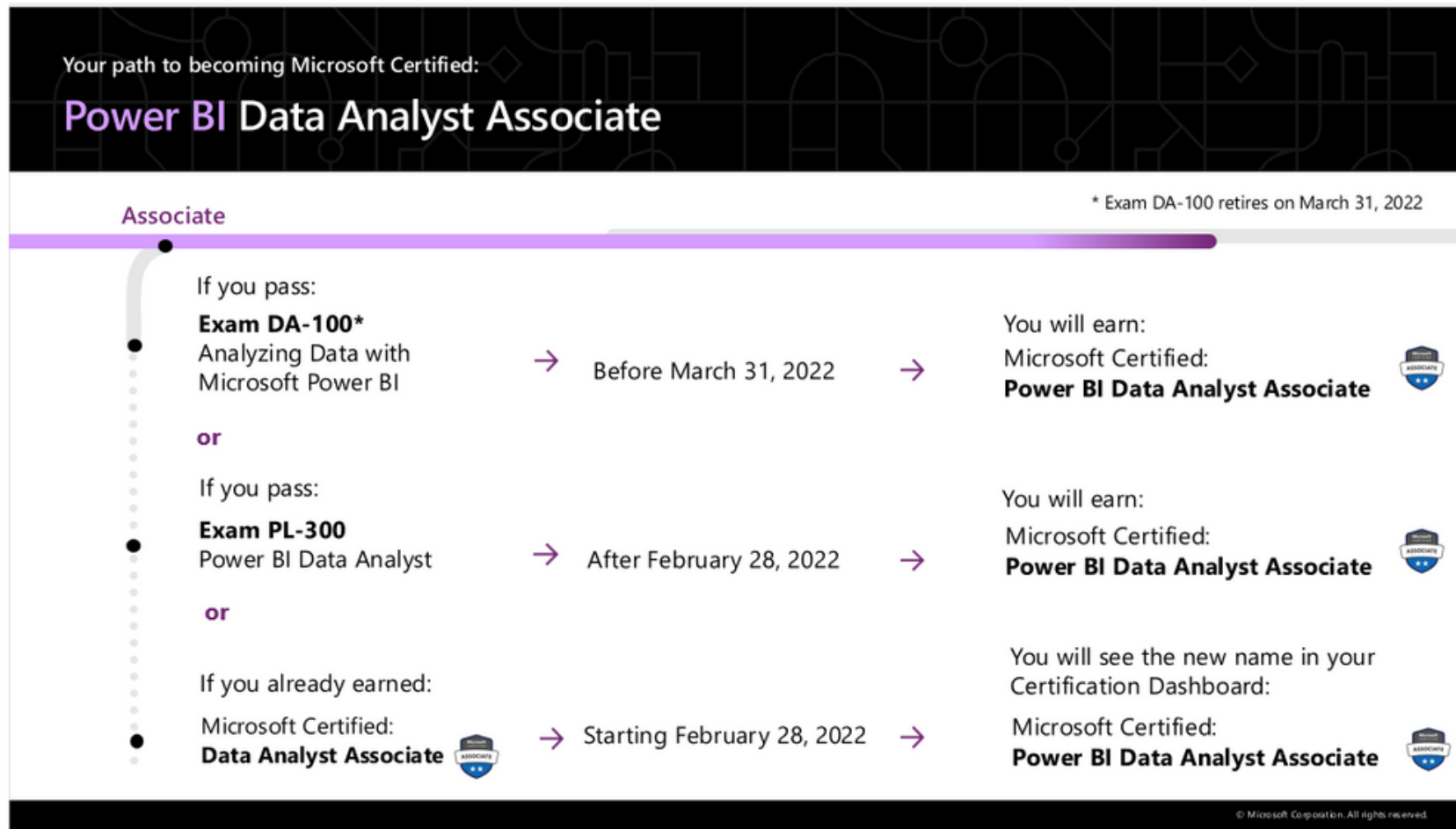
- <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-excel-stunning-report>



More help: <https://docs.microsoft.com/en-us/power-bi/fundamentals/desktop-getting-started>

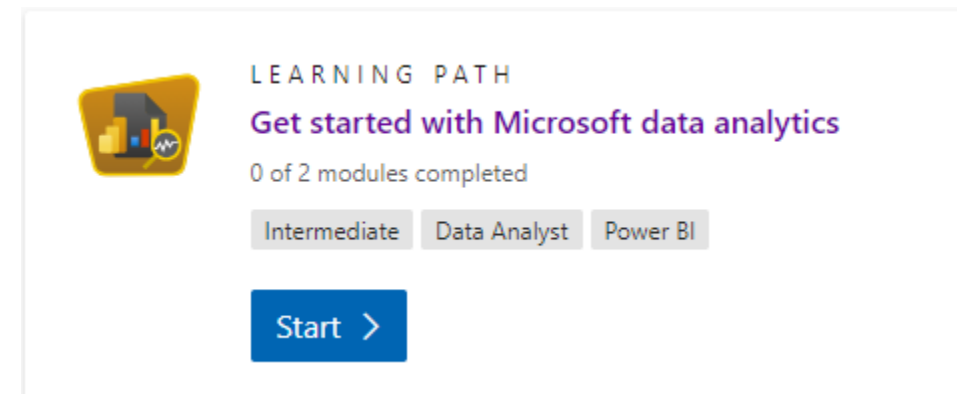
Microsoft Learn PL-300

- Review curriculum
- <https://techcommunity.microsoft.com/t5/microsoft-learn-blog/announcing-a-new-name-for-the-data-analyst-associate/ba-p/2388941>
- <https://docs.microsoft.com/en-us/learn/certifications/exams/da-100>
- <https://docs.microsoft.com/en-us/learn/certifications/exams/pl-300>



Preparation for next week

- Microsoft Learn : <https://docs.microsoft.com/en-us/learn/certifications/exams/da-100>
- Get started with MS data analytics <https://docs.microsoft.com/en-us/learn/paths/data-analytics-microsoft/>



- Microsoft documentation : <https://docs.microsoft.com/en-us/power-bi/learning-catalog/>

Publish to www.powerbi.com

- Sign in at www.powerbi.com
- You need a MS a/c work account not a social email not gmail !!
- <https://docs.microsoft.com/en-us/power-bi/fundamentals/service-self-service-signup-for-power-bi>

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London, United Kingdom


517 members · Public group

Organized by David Moss

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<https://www.youtube.com/channel/UCDtmwK3YxWqzDNZ5L3pdMw>



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"I just passed the exam" Interview with Conrad Moss

Analyzing Data with Microsoft P: 19:37

DA-100 exam interview with Conrad Moss

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Lesson 10 of 10 Power BI Beginner

Power BI Workspaces, Build rules, Security, RLS

Course Work Explained 3:18

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MONDAY 22nd MARCH 17:00 59:25

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MONDAY 8th MARCH 21:00 56:07

Power BI Beginners Lesson 8 of 10

Lesson 7 of 10 Power BI Beginner

Publish & share Power BI reports & dashboards

Course Work Explained 4:08

7/10 Power BI Beginners Coursework Lesson 7

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Power BI slicers, bookmarks & custom tooltips

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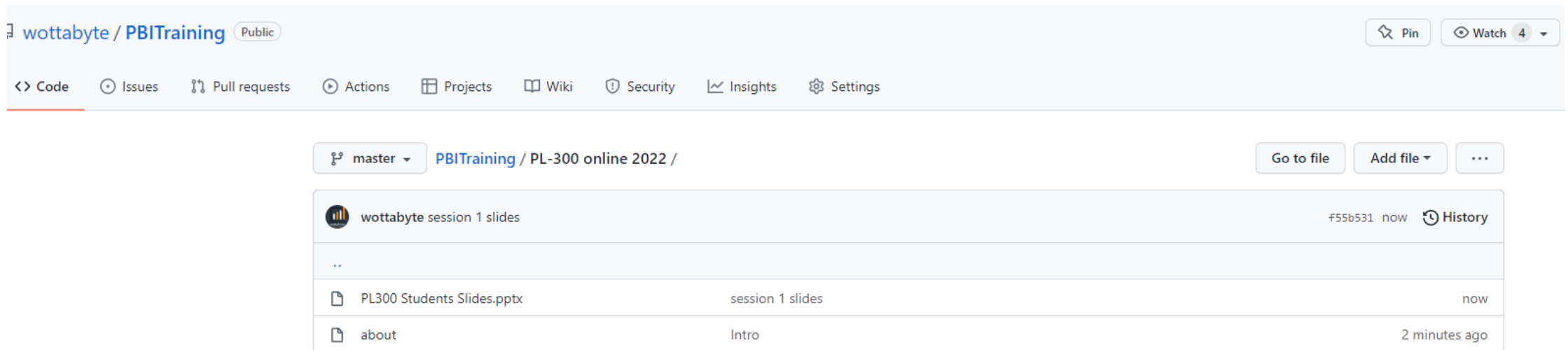
Power BI report navigation slicers & tooltips

CourseWork Explained 4:23

5/10 Power BI Beginners Coursework Lesson 5

Github copy of Slides

- <https://github.com/wottabyte/PBITraining/tree/master/PL-300%20online%202022>



The screenshot shows the GitHub interface for the repository `wottabyte / PBITraining`, which is marked as `Public`. The repository is viewed on the `master` branch, specifically at the path `PBITraining / PL-300 online 2022 /`. The navigation bar includes links for `Code`, `Issues`, `Pull requests`, `Actions`, `Projects`, `Wiki`, `Security`, `Insights`, and `Settings`. The `Code` tab is selected. Below the navigation bar, there are buttons for `Go to file`, `Add file`, and a menu icon. The file list shows the following items:

File Name	Commit Hash	Time	History
..	f55b531	now	History
PL300 Students Slides.pptx		session 1 slides	now
about		Intro	2 minutes ago

The End



PL-300 Student's Slides

- Includes upto session 1

Lesson 2

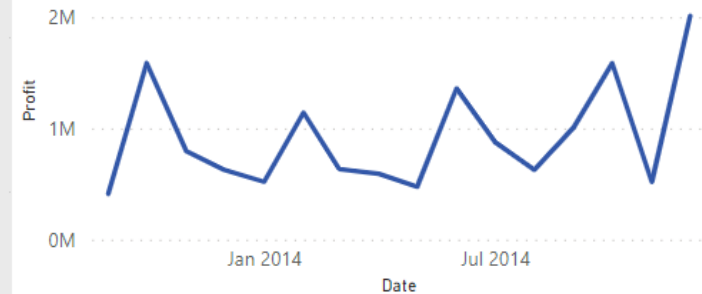
Introduction to Power BI free online training

2 - Build your 1st
Power BI report.
DA-100 & PL-300
syllabus

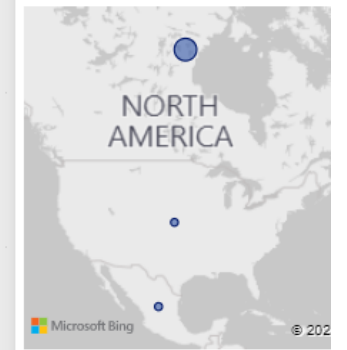
Monday 21st FEB
20:00 GMT

Executive Summary - Finance Report

Profit by Date

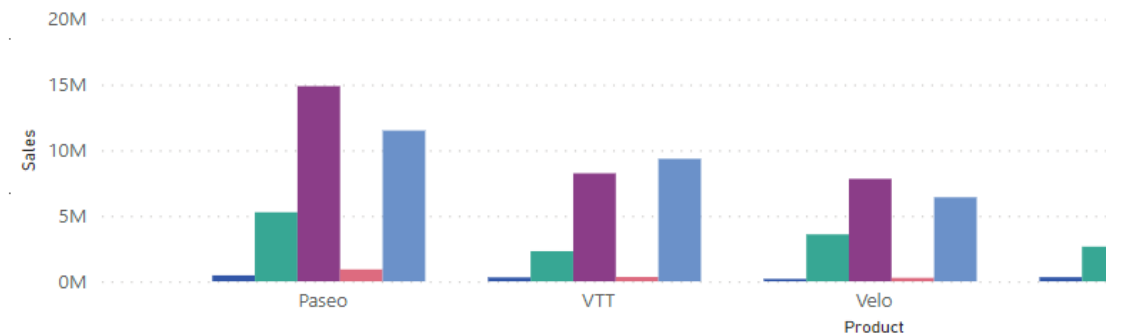


Profit by Country



Sales by Product and Segment

Segment ● CHANNEL PARTNERS ● ENTERPRISE ● GOVERNMENT ● MIDMARKET ● SMALL BUSINESS



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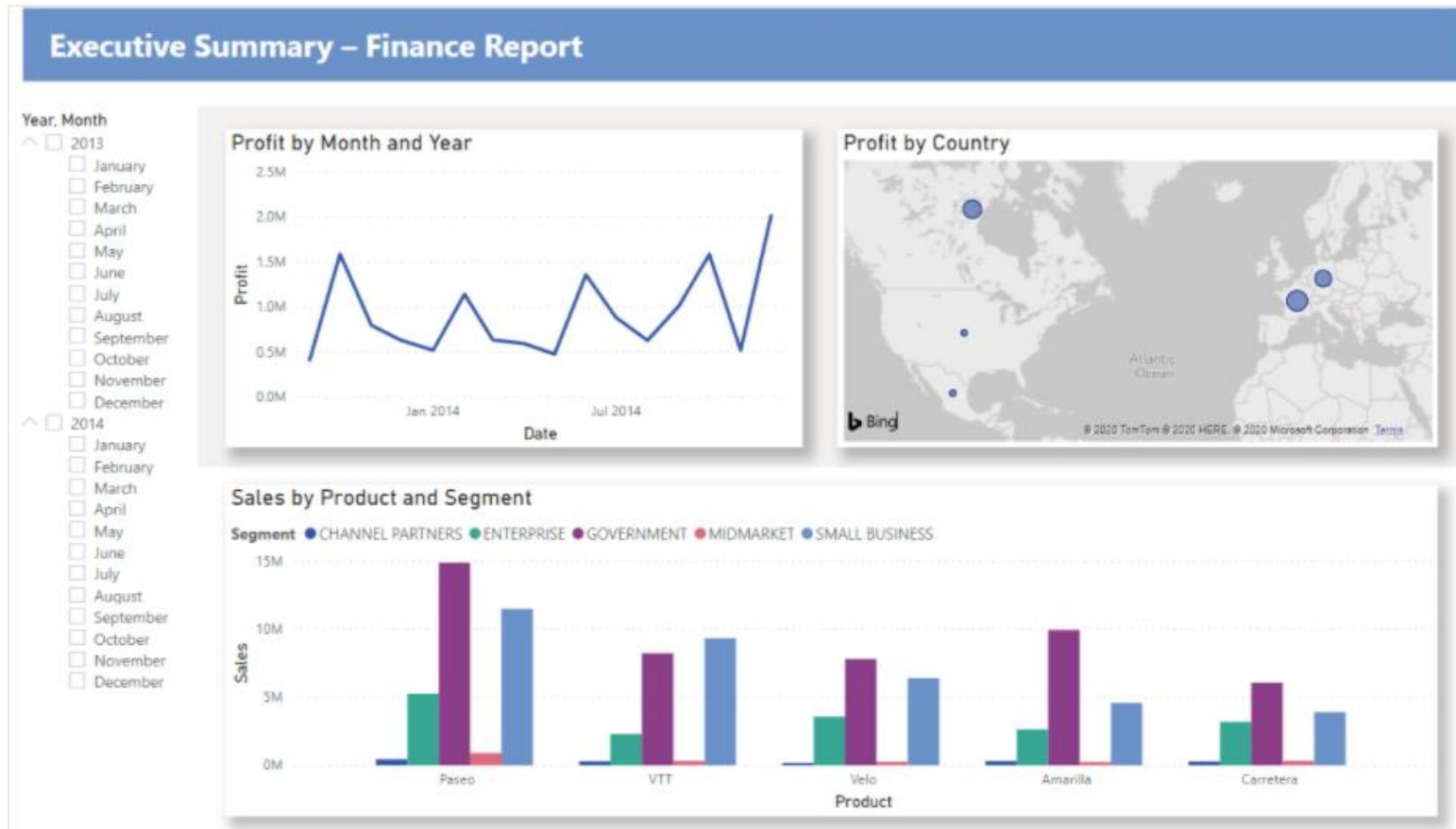
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<https://powerbi.microsoft.com/en-gb/>

1 - build your first report

- <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-excel-stunning-report>



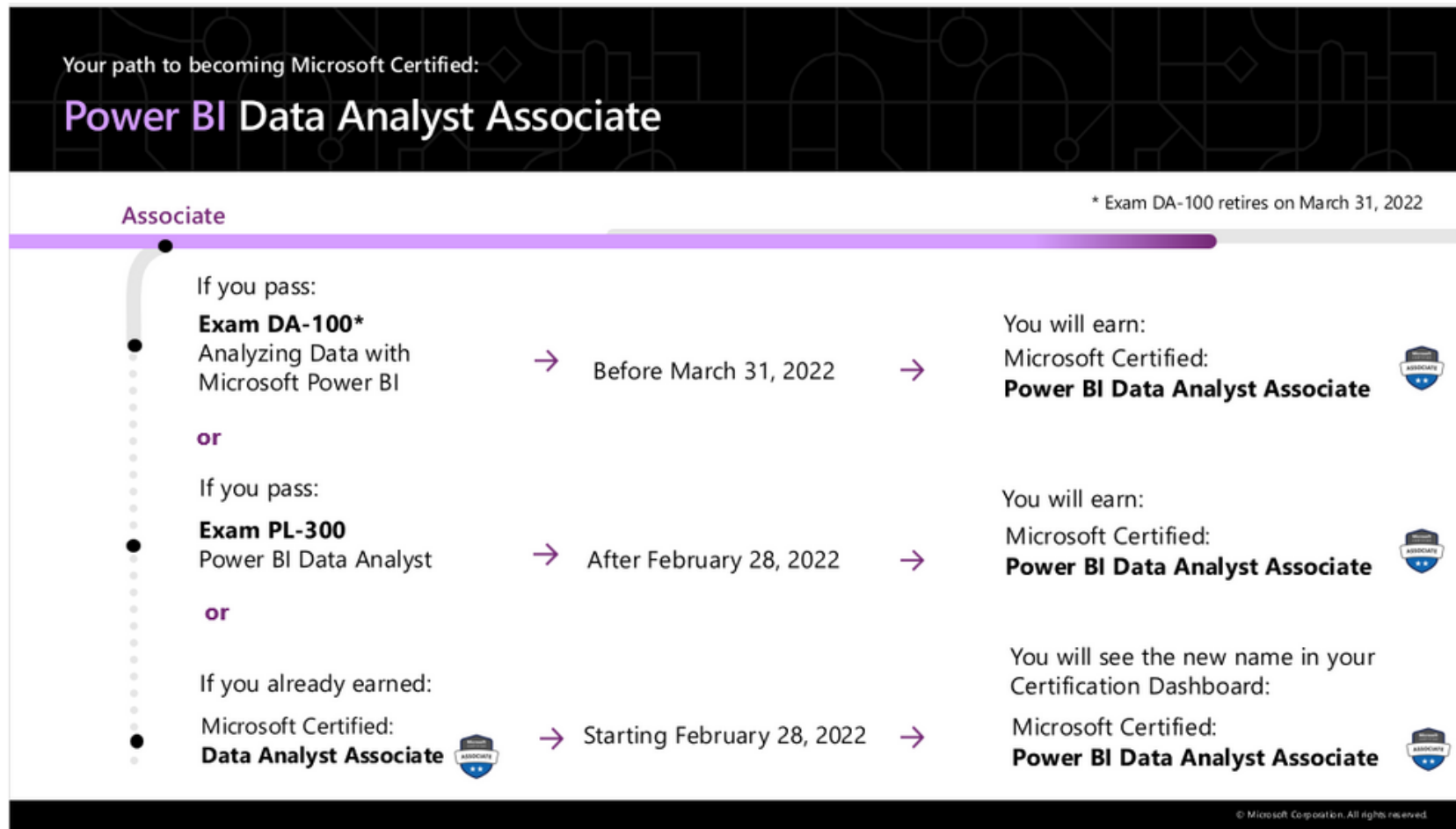
More help: <https://docs.microsoft.com/en-us/power-bi/fundamentals/desktop-getting-started>

Tidy up report

- Last week we ingested the data in the Power Query Editor
- We made some simple transformations
- We started to build the report
- Lets continue in Power BI Desktop and build 1st report.

Microsoft Learn PL-300

- Review curriculum
- <https://techcommunity.microsoft.com/t5/microsoft-learn-blog/announcing-a-new-name-for-the-data-analyst-associate/ba-p/2388941>
- <https://docs.microsoft.com/en-us/learn/certifications/exams/da-100>
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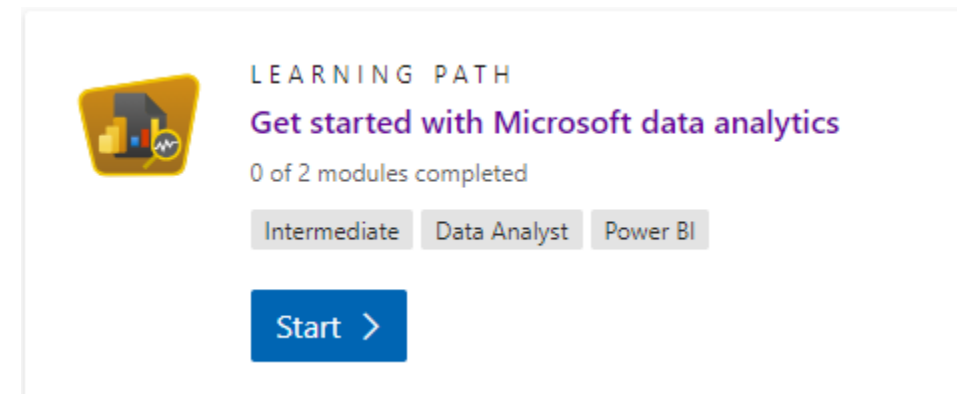


PL-300 syllabus

- See the excel sheet with the breakdown of the PL-300 syllabus

Preparation for next week

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- Get started with MS data analytics <https://docs.microsoft.com/en-us/learn/paths/data-analytics-microsoft/>



- Microsoft documentation : <https://docs.microsoft.com/en-us/power-bi/learning-catalog/>

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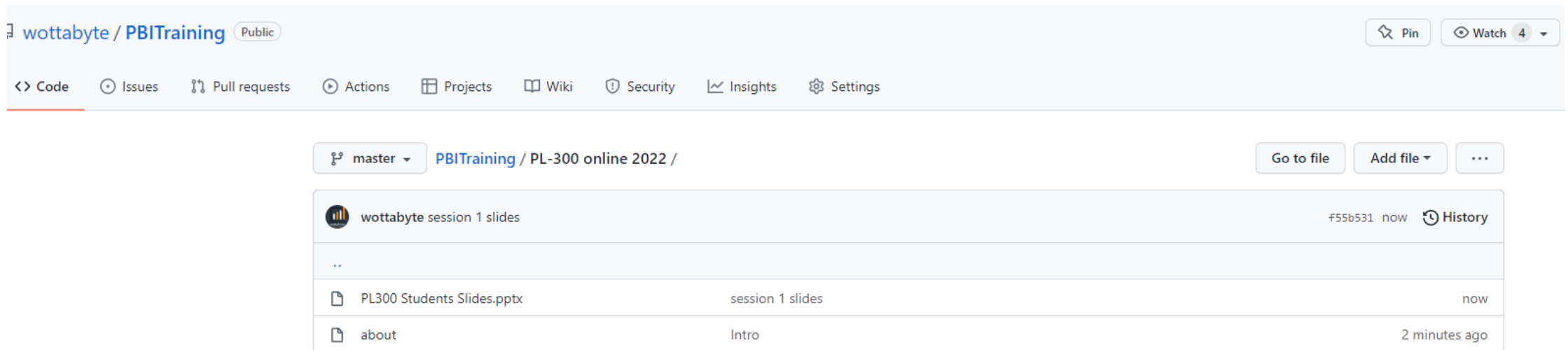
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..			
PL300 Students Slides.pptx	session 1 slides	f55b531	now
about	Intro		2 minutes ago

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- You need a MS a/c work account not a social email not gmail !!
- <https://docs.microsoft.com/en-us/power-bi/fundamentals/service-self-service-signup-for-power-bi>

Lesson 3