**Microsoft Certification 70-778 Page  
2/23/2018**

[**https://www.microsoft.com/en-us/learning/exam-70-778.aspx**](https://www.microsoft.com/en-us/learning/exam-70-778.aspx)

Note: Power BI changes frequently so some videos and resources are not up to date. Sometimes requires a quick google to find out how to do certain things in the current Version of Power BI

**Exam Preparation Guides**  
Good place to start, Read through this!  
<https://www.pbiusergroup.com/blogs/phillip-guglielmi/2018/01/09/preparing-for-the-70-778-bi-certification-start-he>

Recent Guide on Linkedin (This guide is really helpful)  
<https://www.linkedin.com/in/matchman/detail/recent-activity/posts/>

Great Guide since it highlights all sections of the test and gives links to guides about each. I used this as a final study tool  
<https://sqldusty.com/2017/08/23/preparing-for-microsoft-certification-exam-70-778-analyzing-and-visualizing-data-with-microsoft-power-bi/>

**Courses**

Microsoft Power BI Guided Learning <- I would Highly recommend(Foundational)

<https://docs.microsoft.com/en-us/power-bi/guided-learning/>

EDX Course Analyzing and Visualizing Data in Power BI <- (I Highly recommend this course for the exam. A great place to start studying)

<https://www.edx.org/course/analyzing-visualizing-data-power-bi-microsoft-dat207x-8>

Introduction to Power BI, Avanade Class, outdated course but has some good Information

<https://avanade.sharepoint.com/sites/HR/learn/Courses/PowBI/Pages/default.aspx>

**DAX**

<https://support.office.com/en-us/article/quickstart-learn-dax-basics-in-30-minutes-51744643-c2a5-436a-bdf6-c895762bec1a?ocmsassetID=HA102891601&CorrelationId=467c9cda-702f-4067-805d-ab7a76c7def8&ui=en-US&rs=en-US&ad=US>

**Practice Questions/Tests**

**This is a good practice test (Questions Get Repetitive after 2 or 3 times)**<http://www.accelerated-ideas.com/70778-practice-test-questions.aspx#.WodUz6inFPZ>  **Critical Path Training Exams**

Challenging 50 Question Test, THIS IS WAY HARDER THAN THE 70-778 EXAM, Will Thompson(Power BI Guru and teacher in the Microsoft Guided Learning) only made a 66% on this. Take your Results with a grain of salt  
<https://www.criticalpathtraining.com/testing-quiz-page/>   
<https://www.youtube.com/watch?v=TOPtxY7kP-A> <- Video Explaining Answers

20 Question Exam VERY Challenging  
<https://www.criticalpathtraining.com/pop-quiz-details/>  
<https://www.youtube.com/watch?v=CTgzCTFMNnk> <- Video explaining Answers

**PBI Quiz**<http://www.pbiquiz.moonfruit.com/quiz/4594132754><- Another tough quiz/test

**Additional Resources**

**Recent Updates on Power BI**  
(These guys have great videos, a lot of them are worth watching)  
<https://www.youtube.com/watch?time_continue=40&v=WnFTqZVIlcI>

[https://www.pbiusergroup.com](https://www.pbiusergroup.com/)

<https://mediaexchange.accenture.com/media/t/0_4f1twkmg>

<https://mva.microsoft.com/en-US/training-courses/creating-the-business-intelligence-ecosystem-at-microsoft-16566?l=Yp6cTN5hC_1006080850>

<https://www.youtube.com/user/mspowerbi/playlists>

<https://www.sqlbi.com/articles/filter-vs-calculatetable-optimization-using-cardinality-estimation/>

<https://app.pluralsight.com/player?course=leveraging-timely-on-premises-data-power-bi&author=eugene-meidinger&name=39c44cdf-76fd-4926-ba32-e123580e9bed&clip=0&mode=live>

<https://www.youtube.com/watch?time_continue=40&v=WnFTqZVIlcI>

<https://avanade.sharepoint.com/sites/HR/learn/tech/an/Pages/Data-Visualization.aspx>

**Exam Notes**

120 Minute Exam with 45 Questions

**Notes from Avanade Employees on Test**

<https://avanade.sharepoint.com/:o:/r/sites/AnalyticsTalentCommunity/_layouts/15/WopiFrame.aspx?sourcedoc=%7B921A1DBC-B1F1-47EE-A232-734F16AA9390%7D&file=70-778.one&action=default&DefaultItemOpen=1>

**Extremely Accurate Breakdown of Test Questions**<https://zenatti.net/2018/01/27/power-bi-exam-70-778-analyzing-and-visualizing-data-with-microsoft-power-bi/>

Another Resource with info on the actual Exam<https://sqlofthenorth.blog/2018/02/04/exam-tips-for-getting-your-mcsa-bi-reporting/>

**Concepts to Know**

Cardinality, and what Filter to use (Single or Both)

Dax and M: Don’t have to memorize everything but know basics of what commands/functions do

Know the difference between Axis and Legend in visuals

Admin and Row Level Security <- KNOW IT

Publish to Web, Embedded

Split vs Merge vs Append

delimiters <- Easy

Format Dates and Phone numbers to common format

**DATES** <- Linking between tables

Q&A, What is it and how do you use it?

Efficiency <- DirectQuery vs import