

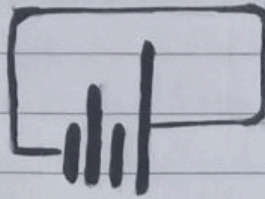
## ASSIGNMENT-3.

classmate

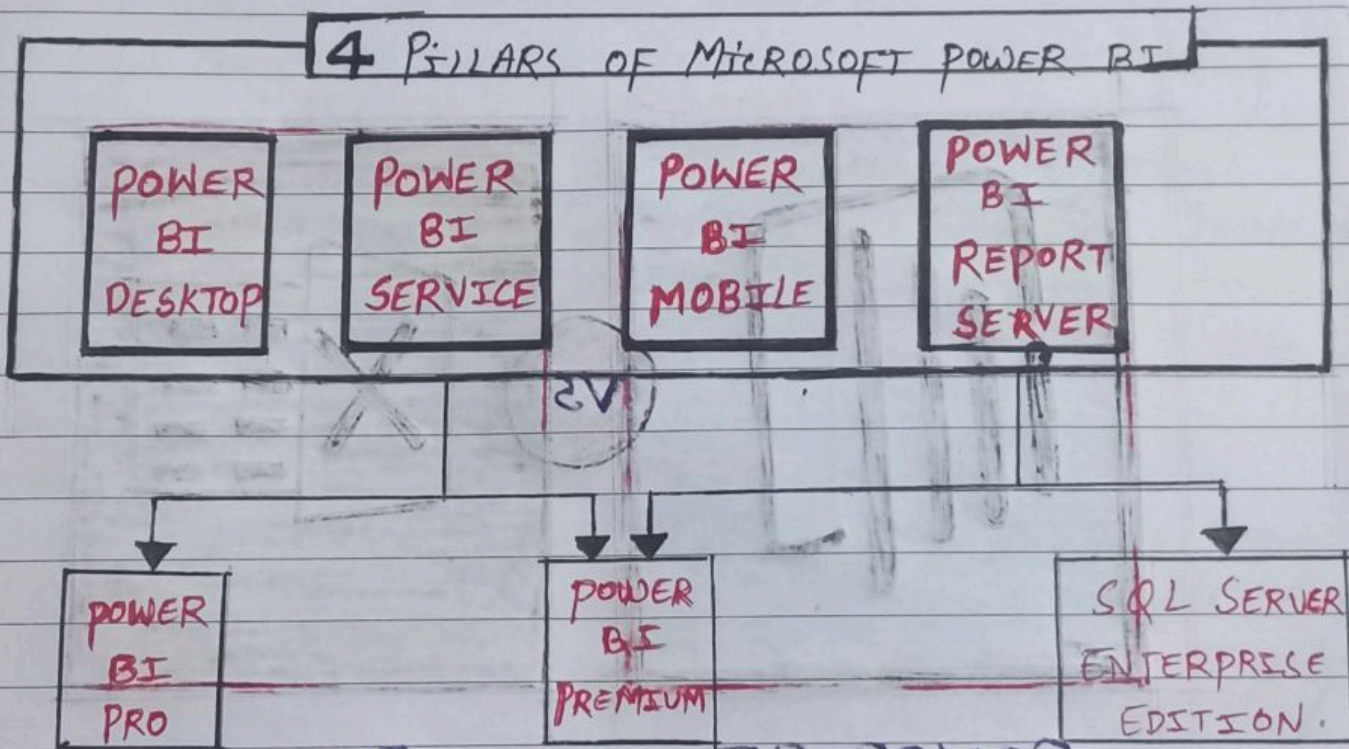
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Q.1  
Ans.

List and explain different power BI products?  
These include: power query: a data connection tool that lets you transform, combine, and enhance data from several sources. power pivot: a data modeling tool for creating data models. power view: a data visualization tool that generates interactive charts, graphs, maps, and other visuals.



### POWER BI PRODUCTS



EXCEL

POWER BI



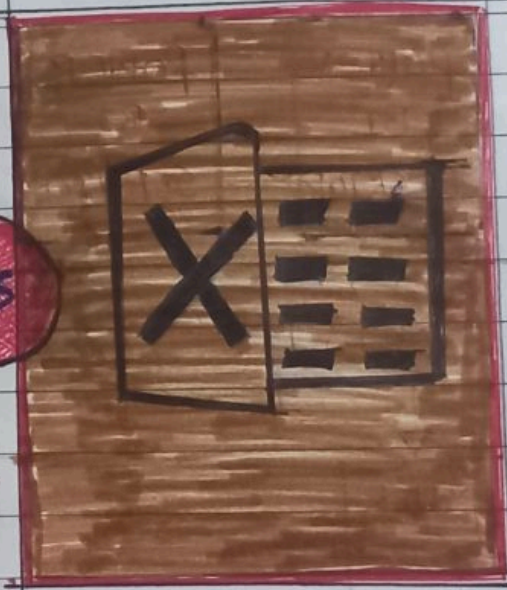
Q.2 what limitations of Excel, microsoft solved by power BI?

Ans. Excel has limitations in the amount of data it can work with. In contrast, power BI can handle much larger amount of data, power BI connect to large number of data sources, while excel's connectivity capacity is limited. Also unlike excel, power BI can be easily used from mobile devices.



POWER BI

VS



EXCEL



~~Excel~~ power BI or microsoft power BI is a multi functional business analytics solution that helps you visualize data, share insights across your organization, and even embed them in your app or website.

**★ Here are the power BI advantages over Excel:**

① single source of truth - workspace -

We all know it can be stressful receiving reports from different managers, analysts or even departments that don't work together often.

By building workspace in power BI, you can give your company the advantage of structuring and associating data schema into one place.

② Row-level -

Are you spending too much time building multiple reports for each stakeholder? By implementing Row-level Security you can specify each set of data for a user or group.

③ Cloud services -

Save time involved in moving and sharing data. Data can be uploaded from multiple on premise sources (Excel, DB, CSV, etc). Or reported directly from multiple cloud web services such as Azure, mailchimp, Zendesk, and Salesforce.

④ Q&A -

Do you know what you are looking for, but don't know where or (how) to find it? With Q&A users can browse their data by typing questions into a natural language capability tool that power BI has incorporated.



### 5 Quick insights:-

Do you think there's something happening in your company, but you are unable to find out what? Quick insights is a powerful algorithmic tool that automatically detects outliers, trends, correlations, majority etc.

### 6 Data manipulations:-

In your spreadsheet so big that simply changing a cell takes forever? Power BI Data model Compression algorithm enhances the speed for data manipulation. Once the model is imported into the web service, Power BI brings the solutions of Azure data lake Gen2. Into play.

### 7 Data-Driven-Alexa:-

Do you frequently look for specific amounts on your spreadsheet? Power BI users can create rules on specific reports and subscribe to those rules to receive an alert once they are met.

### 8 Weekly features:-

Microsoft upgrades the weekly features tool every seven days. Through this upgrade, they usually compile new features and bug fixing for prior versions. This means you won't need to wait months for hotfixes.

### 9 Visualization:-

Sometimes we want to get straight to the point with bar, pie or line chart. However, what happens



Q.3 Explain power-BI Query?

Ans. power BI desktop. Comes equipped with power Query Editor. you can use the power Query Editor to connect to one or many data sources, shape and transform the data. you could modify the data in hand to meet your needs, make it more usable and then load that model into power BI desktop.

Q.4 Explain power map?

Ans. In power BI, it is integrated with Bing maps. Bing is a search engine like Google to help user create maps. The map is a kind of vision part of power BI visualization software. using this visual we can show geographic based or location data values on respective areas of the map according to location name.

Q.6 Explain the updates done in power BI service (power BI 2.0) as compared to older version?

Ans. The latest version has more robust features, as it is famous with the name power BI desktop. This is an all in one solution for power view, power pivot, and power query in the backend.

- Reporting
- Data connectivity
- Visuals
- others
- Settings
- manage personal storage
- Create content pack



Q.5 How power BI eliminated the need to host share point server on premises?

Ans Different customers may have different interpretations of terms such as "deprecated." To ensure that customers fully understand what we mean by the terminology in this in this.

★ Features deprecated in share point server 2019 -

- Access services 2010
- Access services 2013
- Aggregated Newfield
- Custom Help
- Groove.exe
- Info path services
- list web service
- machine translations
- Variations
- performance point services
- share point designer
- site manager

★ Removed features in share point server 2019.

- Code-Based sandbox solutions
- Digest authentication
- Incoming email automatic mode
- Multi-Tenancy
- PDF viewer
- power pivot Gallery and Refresh
- share point workflow manager
- Tags and notes
- Visio services - silverlight Based Rendering