

# **Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**

**Academic Year (2021-2022)**

## **Department of Computer Science**

### **Summary Report**

1) Title of Programme	E-Workshop on “Analyzing Data with Microsoft Power BI”			
2) Name of Organizing Department/Unit	Department of Computer Science			
3) Name of Coordinator/Convener/Organizer	Dr. R. R. Londhe Mrs. S. K. Kasbe			
4) Date Of Programme	03 <sup>rd</sup> September, 2021			
5) Venue:	Department of Computer Science			
6) Target Group	Students from Department of Science, IT, B. Voc., and Commerce			
7) Number of participants:	Female	Male	Faculty	Total
	137	102	07	246
8) Names and Details of Resource Person if any:	Mr. Nilkant Jagtap (OHI-IITC, Muscat, Oman)			
9) Total Expenditure for the Programme:	Nil			
10) Source of funding	Nil			

Title: E-Workshop on “Analysing Data with Microsoft Power BI”

Organizer: Department of Computer Science

Date: 03<sup>rd</sup> September, 2021

Venue: Department Of Computer Science

(Online)

### **Introduction:**

A highly informative one day workshop on “Analyzing Data with Microsoft Power BI” was conducted. It is organized by Department of Computer Science on 03<sup>rd</sup> September, 2021. This workshop’s motive was, to Unify data from many sources to create interactive, immersive dashboards and reports that provide actionable insights and drive business results. Also students would learn that how the Power BI Desktop can Shape the data with queries that build insightful, compelling data models, Use the data models to create visualizations and reports.

This Workshop was inaugurated on the 03<sup>rd</sup> September, 2021 in presence of Honourable Chairman Dr. Mahadev Gavhane, Vice Principal S. N. Shinde IQAC Co-Ordinator Dr. A. A. Yadav.

### **Objectives of the Programme/ issues addressed:**

- Microsoft Power BI is a platform that provides coherent and very useful business intelligence through pulling together data from various sources including Excel spread sheets, databases, web sites, the cloud and more into one easy to assimilate 'dashboard' style interface.
- The Power BI dashboard aggregates the data in one location saving time and effort. With a little help from experts such as highly trained data scientists and Power BI specialists, anyone can customize these BI dashboards to create visualizations displaying the key performance indicators.

**Details of Participants:** around 239 students from Science, IT Commerce, B.Voc, Department were participated for this workshop in online mode.

**Brief Summary of Events/ Sessions:**

- At the start of the workshop Mr. Nilkant Jagtap has given the importance of Microsoft Power BI tool and how this tool collates and analyses data from a wide range of sources.
- Mr. Nilkant Jagtap has addressed the students that Power BI is a collection of software services, apps, and connectors that work together to turn your unrelated sources of data into coherent, visually immersive, and interactive insights. Your data may be an Excel spreadsheet, or a collection of cloud-based and on-premises hybrid data warehouses.
- He explained the various parts of Power BI such as Power BI Desktop, SaaS Service, Power BI mobile Applications.
- Microsoft Power BI is used to run reports and surface insights based on a company's data. Power BI can connect to a wide range of data sets, and "tidies up" the info it's fed so that it can be better digested and understood. The reports and visuals generated from this data can then be shared with other users.
- Mr. Nilkant Jagtap also given the real life condition based examples such as Quarterly Financial Performance Report, Pizza Hut
- Speaker also guided the students regarding the available data sources in power BI like SQL database, Blank Query, Azure Cloud Platform, Online Services, Flat Files and also provided the information of web platforms such as Facebook, Google Analytics and Sales Force Objects.
- He also shown the students one of the leading tool used in Power BI market i.e. Tableau, as this tool connect much larger datasets and also provides the different implementation types as per organizational needs panning from few hours to few weeks.

**Conclusion:**

- Microsoft Power BI is a Data Visualization and Business Intelligence tool that converts data from different data sources to interactive dashboards and BI reports
- Power BI suite provides multiple software, connector, and services - Power BI desktop, Power BI service based on SaaS, and mobile Power BI apps available for different platforms.

- A growing number of organizations are using Power BI as their business analytic solution. According to Gartner's report, by 2020, the companies that are investing in analytics will see their value enhanced compared to those that are not.
- Microsoft Power BI Integrates seamlessly with existing applications, integrates easily with your existing business environment allowing everyone to adopt analytics and reporting capabilities.

## Geotag Photograph

Zoom Meeting

Participants (244)

Q. Find a participant

Dhanashri Sh... (Co-host, me) [M] [V] [A]

Principal Rajarashi S... (Host) [M] [V] [A]

Principal Mahade... (Co-host) [M] [V] [A]

Abhijit Yadav (Co-host) [M] [V] [A]

Nikant Jagtap (Co-host) [M] [V] [A]

Renuka Londhe (Co-host) [M] [V] [A]

(275)Prithviraj Shinde [M] [V] [A]

... Rutuja Bansode... [M] [V] [A]

o offo [M] [V] [A]

100\_Shashikant Mundhe [M] [V] [A]

117 Deepak rathod [M] [V] [A]

140.shinde supriya [M] [V] [A]

16. Shubham chabukswar [M] [V] [A]

201\_Nikita Awaghade [M] [V] [A]

Invite Mute All

Your network bandwidth is low

Recording...

Principal Mahadev Gavhane

Type here to search

25°C Mostly sunny

ENG 10:48 AM IN 9/3/2021

Zoom Meeting

Participants (236)

Q. Find a participant

Dhanashri Sh... (Co-host, me) [M] [V] [A]

Principal Rajarashi S... (Host) [M] [V] [A]

Nikant Jagtap (Co-host) [M] [V] [A]

Abhijit Yadav (Co-host) [M] [V] [A]

Principal Mahade... (Co-host) [M] [V] [A]

Renuka Londhe (Co-host) [M] [V] [A]

(275)Prithviraj Shinde [M] [V] [A]

... Rutuja Bansode... [M] [V] [A]

o offo [M] [V] [A]

100\_Shashikant Mundhe [M] [V] [A]

117 Deepak rathod [M] [V] [A]

140.shinde supriya [M] [V] [A]

16. Shubham chabukswar [M] [V] [A]

201\_Nikita Awaghade [M] [V] [A]

Invite Mute All

SAMPLE SUPERSTORE REPORT

Sales: 2.29M

Quantity: 38K

Profit: 286.44K

Profit by Year

Profit by Category

Profit by Segment

Profit by Sub-Category

Profit by Region

Type here to search

25°C

ENG 10:52 AM IN 9/3/2021

Zoom Meeting | You are viewing Nikant Jagtap's screen | View Options

Participants: Dhanashri Sharma, Nikant Jagtap, Renuka Londhe, Principal Mahadev G..., Abhijit Yadav

### Roles in Data

Business Analyst	Data Analyst	Data Engineer	Data Scientist	Database Administrator
DA-100	DP-203	DP-100	DP-300	

Recording... | Unmute | Stop Video | Security | Participants (226) | Chat | Share Screen | Reactions | Apps | More | Leave

Windows | Type here to search | 25°C | ENG IN | 10:56 AM | 9/3/2021

Recording...

### Tasks of a Data Analyst

- Prepare**
- Model**
- Visualize**
- Analyze**
- Manage**

Participants: Dhanashri Sharma, Nikant Jagtap, Renuka Londhe, Principal Mahad...

Activate Windows | Go to Settings to activate Windows.

Zoom Meeting | Participants (216)

### What is Power BI?

- The Power BI is a collection of software
- Power BI Desktop, Power BI Service, Power BI Report Server, and Power BI Mobile. Use it to:
  - Quickly create reports using the app or portal
  - Import data from files, on-premises databases, and SaaS providers
  - Publish reports in the cloud or on-premises
  - Create dashboards, Share dashboards with colleagues
  - View reports and dashboards with the Power BI Mobile app

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Shiv Chhatrapati Shikshan Sanstha's

## Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

DEPARTMENT OF COMPUTER SCIENCE

Organizes

e- Workshop on

*"Analyzing Data with Microsoft Power BI"*

On

**03 September 2021 Time: 10:30 AM to 01:00 PM**



Chairperson

Principal

**Dr. Mahadev Gavhane**

Rajarshi Shahu Mahavidyalaya(Autonomous),  
Latur



Resource Person

Technical Trainer

**Mr. Nilkant Jagtap**

OHI-IITC, Muscat  
Oman

**Dr. A.A. Yadav**

IQAC coordinator  
R.S.M.Latur

**Prof. S.N. Shinde**

Vice-Principal  
R.S.M.Latur

**Dr. A.J. Raju**

Vice-Principal  
R.S.M.Latur

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### Organizing Committee

**Dr. R.R. Londhe**

Workshop coordinator and HoD

**Mrs. S.K. Kasbe**

Asst.Prof.

**Mrs. P.S. Latoriya**

Asst.Prof.

**Miss. S.A. R. Damte**

Asst.Prof.

**Miss. D.V. Sharma**

Asst.Prof.

**Registration Link :** <https://forms.gle/D9FnQNAHGFLinQiZ9>

Join the Whatsapp Group for further instructions & Workshop's Link

<https://chat.whatsapp.com/C6nZjyKgUi0B477IRLqVlz>