



Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)

Department of BCA
Report on
Value Added Course
DATA VISUALIZATION IN MICROSOFT POWER BI
2023=24

Date: 05/02/2024

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar, (Burli) Department of BCA in collaboration with IQAC organized 30 Days Value Added Course ON “**DATA VISUALIZATION IN MICROSOFT POWER BI**” on 02/01/2024 to 31/01/2024. Huge Response received from BCA student. Total 54 student where registered for this course. The main purpose of this Training is to Students able to understand BI tool and how it works in different scenarios.

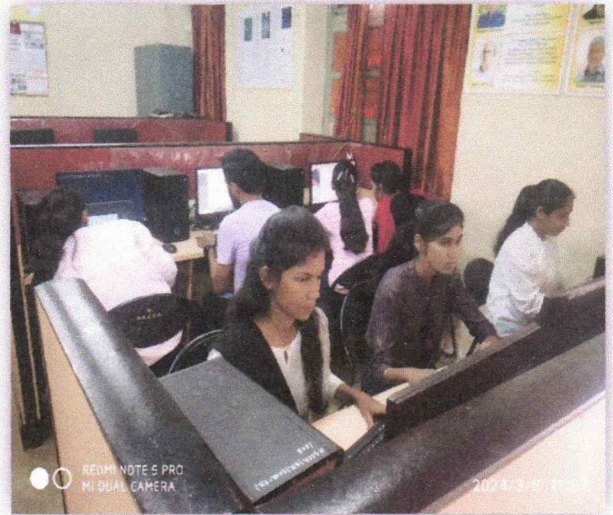
The introduction & welcome of this program was done by Mrs. Jadhav S.S. The Inauguration was done with auspicious hand by chief guest I/C Principal Dr. Patil U. V. and HOD. Prof. Borade N. S. and Resource person of this program is Prof. Nalawade S.P Program Manager of “**DATA VISUALIZATION IN MICROSOFT POWER BI**”.

Hon. I/C. Dr. Patil U. V gave presidential address and she encourage the students for Training. The Vote of thanks was proposed by the Miss. Kadam A. P. There were 54 participants participated in this workshop.

Programme Outcomes:

- Understand basic concepts and terminology of the Power BI service.
- Amount of data using Power BI
- Learn how to experiment, fix, prepare and present data quickly and easily.
- Connecting data source in Power BI - Excel, CSV, live data source such as SQL, webpage etc.

Beneficiaries: 54 Students



Lecture Delivered by Resource Person Nalawade S. P. and Student doing Practical on Power BI.

Nalawade

Chairman
(Mrs. Nalawade S. P.)

Kadam

Coordinator
(Miss. Kadam A. P.)

Borade

HOD
(Mrs. Borade N. S.)

Patangrao

Principal
(Dr. Patangrao kadam Mahavidyalaya
Rnagar, (Burli))

Rayat Shikshan Sanstha's
Dr. Patangrao kadam Mahavidyalaya Ramanandnagar(Burli)
Department of BCA
Value Added Course- 2023-2024
Data Visualization in Microsoft Power BI

Notice

Date: 27/12/2023

The faculty members of department kindly informed that departmental meeting will be held on 28/12/2023 at 11.30AM at departmental staffroom, attendance the same.

Chairmen

Agenda :-

- 1) Discussion about the value added course starting from January-24
- 2) To discuss about notice to student.
- 3) To take discussion on Intake capacity of course.
- 4) To Prepare 30 Days Timetable.
- 5) Distribution of Syllabus.

Member:-

- Prof. Nalawade S.P
- Prof. Kadam A.P

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Department of BCA

Value Added Course- 2023-2024

Data Visualization in Microsoft Power BI

Notice

Date: 28/12/2023

All the students are here by informed that the department is going to run value Added course on "Data **Visualization in Microsoft Power BI**" from 2/1/2024 to 31/1/2024. All should be present to take advantage of this course.



Head of Department

Department of BCA

Value Added Course- 2023-2024

Data Visualization in Microsoft Power BI

Learning outcome:

Student will learn following topics with this Power BI Course.

- Find your content in dashboards, reports, and apps.
- View and export data from dashboards and reports.
- View filters that are used in a report.
- Explain the relationship between dashboards and reports, visualizations, and tiles.
- Display action menus for tiles and details for report visualizations.
- Collapse and expand the nav pane and the filters and bookmarks panes.

Program outcome:

- Understand basic concepts and terminology of the Power BI service.
- Amount of data using Power BI
- Learn how to experiment, fix, prepare and present data quickly and easily.
- Connecting data source in Power BI - Excel, CSV, live data source such as SQL, webpage etc.

Course outcome:

- Importance of data visualization and different types of data that can be visually represented.
- Determination of the visualization which is most effective to display data for a given data set.
- Introduction to Power BI, Installation of Power BI,
- Introduction to power Pivot and Analysis using power Pivot
- Concept of Power Pivot,
- Introduction to Power Pivot environment
- Advantages of Power Pivot
- Power Query and Power View,
- Data Cleaning in Power BI using Power Query,

Duration-25 hrs.

Syllabus

Data Visualization in Microsoft Power BI

Module1- INTRODUCTION TO POWER BI

- 1.1 Introduction to Power BI
- 1.2 Introduction to Business Intelligence (BI)
- 1.3 Why Power BI
- 1.4 Power BI Components
- 1.5 Introduction of Power BI Desktop
- 1.6 Installation of Power BI Desktop
- 1.7 Process of creating reports in Power BI

Module2 – DATA EXTRACTION AND TRANSFORMATION

- 2.1 Data Sources in Power BI
- 2.2 Using files(excel ,csv, pdf etc.) as a data source
- 2.3 Working with SQL database and database source
- 2.4 Extracting data from folders and databases

Module3 – CLASSIFICATION AND CLUSTERING

- 3.1 Classification: Classification problems, Evaluation of classification models, Bayesian methods, Logistic regression
- 3.2 Clustering: Clustering methods, Partition methods, Hierarchical methods, Evaluation of clustering models

Hands on Practical

Practical No	Details
1.	Import the legacy data from different sources such as (Excel , SqlServer, Oracle etc.)and load in the target system. (You can download sample database such as Adventureworks, Northwind, foodmart etc.)
2.	Perform the Extraction Transformation and Loading (ETL) process to construct the database in the Sqlserver.
3.	a.Create the Data staging area for the selected database. b.Create the cube with suitable dimension and fact tables based on ROLAP, MOLAP and HOLAP model.
4.	a.Create the ETL map and setup the schedule for execution. b. Execute the MDX queries to extract the data from the datawarehouse.
5.	a. Import the datawarehouse data in Microsoft Excel and create the Pivot table and Pivot Chart. b. Import the cube in Microsoft Excel and create the Pivot table and Pivot Chart to perform data analysis.
6.	Apply the what – if Analysis for data visualization. Design and Generate necessary reports based on the data warehouse data.
7.	Perform the data classification using classification algorithm.
8.	Perform the data clustering using clustering algorithm.
9.	Perform the Linear regression on the given data warehouse data.
10.	Perform the logistic regression on the given data warehouse data.


Head of Department

Dr. Palash
Dr. Palash

Rayat Shikshan Sanstha's

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Department of BCA

Value Added Course- 2023-2024

Data Visualization in Microsoft Power BI

Registration Form

Power BI Registration Form

Organized by Department of BCA

Thank you for taking interest in participating in this workshop. Please fill in the registration form below so we can save you a seat.

Name of Student: *

Short answer text

Class: *

Short answer text

Roll No. *

Short answer text

Rayat Shikshan Sanstha's

Dr. Patangrao kadam Mahavidyalaya Ramanandnagar(Burli)

Department of BCA

Value Added Course- 2023-2024

Data Visualization in Microsoft Power BI

Value Added Course Registration Details

A	B	C	D	E	F	G	H
Timestamp	Name of Student	Class	Roll No.	Date of Birth	Email	Address	
2/1/2024	Pawar vaishnavi jaywant	BCA-I	2470	9/3/2003	pawarvaishu203@gmail	A/p Dudhondi	
2/2/2024	Vinayak chinchkar	BCA-3	2501	10/30/2002	vinayakchinchkar2@gmz	Amnapur	
2/3/2024	Rushikesh Tanaji Sutar	BCA-3	2509	3/1/2002	rushikeshsutar1184@gm	A/P Palus	
2/4/2024	Shrutii Suresh Ranmale	BCA-3	2506	11/23/2002	shrutisranmale@gmail	cc A/p Dudhondi	
2/5/2024	Omkar Nigonda patil	BCA-2 year	2352	9/8/2003	patilomkar1408@gmail	c Nothing	
2/6/2024	Maske Minal Mhalappa	BCA-III	2504	12/16/2002	minalmaske65@gmail	cc A/p Nagarale	
2/7/2024	Sanika laxman nikam	BCA-II	2468	11/22/2003	nikamsanika22@gmail	cc A/p Dudhondi tal- palus dist-sangli	
2/8/2024	Jadhav Gayatri Ganpatra	BCA-II	2458	5/20/2003	gayatrij205@gmail	com A/P Navipunadi Tal-Palus,Dist-Sangli	
2/9/2024	Divya D Jadhav	BCA-II	2457	10/17/2000	divyadj1710@gmail	com Dudhondi	
2/10/2024	Saloni Satish Amane	BCA-2	2451	5/2/2023	saloniamane068@gmail	AP kundal dis sangli tal palus A/p navipunadi	
2/11/2024	Shweta Dhondiram Jadh	BCA-II	2464	1/10/2004	shwetajadhav1012004@	Tal-palus dist-sangli	
2/12/2024	Jadhav sanika uttam	BCA-II	2362	3/7/2003	sanika1790@gmail	com A/P punadi	
2/13/2024	Vinay Ravindra Salunkhe	Bca-3	2507	11/1/2000	vinay10salunkhe@gmail	A/p Palus	
2/14/2024	Samruddhi Hanmant Jad	BCA-II	2361	10/4/2003	samujadhav364@gmail	c A/P Punadi	
2/15/2024	Sawat varsha sambhaji	BCA-III	2508	10/10/2001	varshasawat19@gmail	c Kirtloskarwadi	
2/16/2024	Anushka nivas nalawade	B C AII	2466	12/24/2002	nalawadeanushka251@	A/P Dudhondi	
2/17/2024	Jadhav Mayuri Deepak	Bca-2	2459	12/17/2003	jadhavmayuri710@gmail	A/P Nagarale Tal-palus Dist-sangli	
2/18/2024	Sanika Suresh Chavan	BCA-II	2454	2/16/2003	gayatrij205@gmail	com A/P Burli, Tal-Palus, Dist-Sangli	

Email	Address	Phone number	Roll No.	Date of Birth
varshasawat19@gmail.com	Kirloskarwadi	8999891816	2507	
umajoshiuaj@gmail.com	Ramanandnagar	93732 46795	2368	
nikamsanika22@gmail.com	A/P Dudhondi Tal-Palus I	9309431210	2468	
sawantlanisha31@gmail.com	Sawantpur	9175223965	2407	
Divyadj1710@gmail.com	A/P- Dudhondi	9579066241	2457	10/17/2000
jadhavshivani015@gmail.com	Nagrale	9356625766	2463	9/4/2003
nikitachavan835@gmail.com	Ramanandnagar	7588219005	2355	7/17/2005
sawantkartiki089@gmail.com	A/p Ramanandnagar	8010226046	2408	11/27/2004
vaishnavinalawade612@gmail.com	A/P dudhondi, tal-palus, I	9284834811	2388	12/6/2004
tanujapatil1626@gmail.com	A/p Nagrale Tal-palus Dist	8208685215	2327	2/14/2023
rutapatil2801@gmail.com	A/p Nagarale. Tal- Palus	8010416123	2325	2/14/2023
yadavvaishnavi353@gmail.com	At/post - Hajanwadi	7620214135	2416	5/12/2005
dikshapatil1052@gmail.com	A/p nagrale tal- palus dis	8668929614	2396	7/29/2004
alfejnadaf1128@gmail.com	Ramanandnagar, Tal-pali	7588339002	2387	7/20/2003
nikhilmete8@gmail.com	Burli, Tal-palus, Dist-sang	7822003278	2381	7/7/2004
harshdaarbune@gmail.com	Dudhondi	7620261682	2351	12/19/2004
m.jaidpathan333@gmail.com	A/p ramanandnagar behi	9022220990	2391	7/18/2004
utkarshahavaladar@gmail.com	Havaladar nagar (Shirgon)	8262037225	2361	1/26/2005
patilsakshi@gmail.com	A/P Punadi	9730744245	2393	7/24/2004
gayatriohar2712@gmail.com	A/P Punadi	7219557715	2376	12/27/2004
hemlatapandharee@gmail.com	A/P Punadi	9546339009	2390	11/6/2004
paragpatil07777@gmail.com	A/p ramanandnagar behi	7387642500	2397	7/16/2004
om2004sutar@gmail.com	Near Grampanchayat, Gh	7709538153	2413	8/28/2004
sohamjadhav3939@gmail.com	Savantpur jadhav Mala	9356767796	2362	10/3/2004
avadhutkamble31@gmail.com	A/P Ramanandnagar tal-p	9130035627	2370	10/14/2004
hk5674805@gmail.com	A/P Ramanandnagar tal-	7219353563	2371	12/29/2004
nenesanika81@gmail.com	At post dudhondi, palus	8668576301	2389	4/20/2005
kprajwal832@gmail.com	At post Ramanandnagar	9309326170	2369	1/3/2002
pawarsayati903@gmail.com	A/p balwadi (bha) tal kha	8605371870	2402	6/11/2004
mahamadmujaawarpalus@gmail.com	A/P SAWANTPUR. SAW	7083888918	2383	2/2/2002
vinayak2002.vc@gmail.com	Arnapur	9309790822	2506	10/30/2002
ishajadhav156@gmail.com	A/p Punadiwadi	9096553181	2502	6/15/2002
vishaldudhane11@gmail.com	Block Area Kundal	7517030550	2359	11/25/1999
sanikamhalkar@gmail.com	A/P-burli	9356933703	2465	3/7/2003
jadhavbharati0165@gmail.com	Nagarale, tal-palus, dist -I	9021144184	2456	2/20/2003
pawarvaishu203@gmail.com	Dudhondi	7057315121	2370	9/3/2003
nalawadeanushka251@gmail.com	A/P Dudhondi	8329369919	2466	12/24/2002
jadhavsanika325@gmail.com	Punadi	8767026200	2365	8/14/2003
chougulekittu108@gmail.com	Ramanandnagar, Tal- Pal	9527320512	2356	2/18/2004
csanika569@gmail.com	A/P Burli Tal-Palus Dist-S	8552019806	2454	2/16/2003
shrutiarbune20@gmail.com	Dudhondi	9405537354	2352	11/16/2003
shrutikachane2005@gmail.com	Kirloskarwadi	9503411551	2354	8/29/2005
rutujamali@gmail.com	Ramanandnagar	7219468606	2377	12/2/2004
shwetasalunkhe2004s@gmail.com	Dudhondi (Ganeshnagar)	8010536968	2406	8/15/2004
tejuingale1609@gmail.com	Pundi	9623528384	2361	9/16/2004
vaishup2225@gmail.com	A/T Burli, Tal-Palus, Dis	8856824271	20395	8/22/2005
ruchinalawade29@gmail.com	A/p Dudhondi	9604239745	2467	3/2/2003
minalmaske65@gmail.com	A/P Nagarale Tal-Palus, I	8459214510	2504	12/16/2002
samikhshapawar284@gmail.com	Shirgaon	7410764214	2401	8/22/2004
shrutisranmale@gmail.com	A/p Dudhondi	7498790336	2506	11/23/2002
patilanuradha76747@gmail.com	A/p Nagthane, tal. - palus	9322103395	2395	6/13/2003
shikhareanjali072@gmail.com	Ramandnagar	9860677169	2410	7/20/2004
rutujam141@gmail.com	Pundi Tal- palus Dist -Sa	7756089972	2379	10/23/2004
sourabhsagare74@gmail.com	Kirloskarwadi	9145756969	2406	5/10/2001
kureshimahek1274@gmail.com	A/p Sawantpur Vasahat,	9552716476	2374	7/12/2004

Timestamp	Name of Student:	Class:	Date of Birth	Roll No.
2/1/2024	Varsha sambhaji sawat	BCA -III	10/19/2001	
2/2/2024	Miss.Uma Ambarish Joshi	BCA I		
2/3/2024	Sanika Laxman Nikam	BCA-II		
2/4/2024	Anisha suresh sawant	BCA I		
2/5/2024	Divya jadhav	BCA-II SEM - IV		
2/6/2024	Jadhav Shivani prakash	BCA-II		
2/7/2024	Miss. Nikita Dattatray Ch	BCA I		
2/8/2024	Sawant Kartiki Sanjay	BCA I		
2/9/2024	Vaishnavi Vijay Nalawade	BCA-I		
2/10/2024	Tanuja sunil patil	BCA-I		
2/11/2024	Rutuja sunil patil	BCA-I		
2/12/2024	Yadav Vaishnavi Arun	BCA-I (semi-II)		
2/13/2024	Diksha dattatray patil	BCA 1		
2/14/2024	Alfej Hamid Nadaf	BCA-1		
2/15/2024	Nikhil jotiram mete	BCA-1		
2/16/2024	Harshada Hanmant Arbu	BCA -I		
2/17/2024	Muhammadjaid abdulmu	BCA-I		
2/18/2024	Utkarsha sukhdev hawal	Bca (SEM I)		
2/19/2024	Patil Sakshi suresh	BCA I		
2/20/2024	Lohar Gayatri Dipak	BCA- I		
2/21/2024	Pandhare Hemlata Hanr	BCA-I		
2/22/2024	Parag Tufan Patil	Bca - I		
2/23/2024	Om Sandip Sutar	BCA -I		
2/24/2024	SOHAM BAJARANG JAI	BCA		
2/25/2024	Avdhut Tanaji kamble	BCA -I		
2/26/2024	Harshad Ravindra Kambi	BCA-I		
2/27/2024	Sanika rajesh nene	BCA I ,SEM I		
2/28/2024	Prajwal Prakash Kamble	BCA - 1		
2/29/2024	Sayali arjun pawar	Bca 1		
3/1/2024	Sahil Mahamad Mujawar	BCA 1		
3/2/2024	Vinayak chinchkar	BCA 3 year		
3/3/2024	Isha Arun Jadhav	BCA-III		
3/4/2024	Vishal Vishnu Dudhane	BCA first year		
3/5/2024	Mhalkar sanika Vikas	Bca II		
3/6/2024	Jadhav bharati vikas	BCA-2		
3/7/2024	Pawar vaishnavi jaywant	BCA-II		
3/8/2024	Anushka nivas nalawade	B.C.A II		
3/9/2024	Sanika Anil Jadhav	BCA I		
3/10/2024	Ketki Mahavir Chougule	BCA-I		
3/11/2024	Sanika Suresh chavan	BCA2		
3/12/2024	Shrutika jaysing Arbune	BCA-I		
3/13/2024	Channe Shrutika dipak	BCA-I(SEM-II)		
3/14/2024	Rutuja Rajendra Mali	BCA		
3/15/2024	Shweta vijaykumar salun	BCA I		
3/16/2024	Tejaswini Sunil Ingale	BCA 1st year		
3/17/2024	Vaishnavi Vitthal Patil	BCA I		
3/18/2024	Ruchita Ramesh Nalawa	BCA-II		
3/19/2024	Maske minal Mhalappa	BCA-III		
3/20/2024	Pawar samiksha kundali	BCA _1		
3/21/2024	Ranmale Shruti Suresh	BCA 3		
3/22/2024	Patil Anuradha Sambhaj	BCA -I		
3/23/2024	Anjali Ajit Shikhare	BCA 1		
3/24/2024	Rutuja pradip mane	BCA I		
3/25/2024	Sourabh Anil Sagare	BCA 1		
3/26/2024	Mahek Masroor Kureshi	B.C.A.I		

Rayat Shikshan Sanstha's
Dr. Patangrao kadam Mahavidyalaya Ramanandnagar(Burli)

Department of BCA

Value Added Course- 2023-2024

Data Visualization in Microsoft Power BI

Student List

Roll No.	Name of the Student
2451	ARBUNE HARSHDA HANMANT
2452	ARBUNE SHRUTIKA JAYSING
2453	CHANNE SHRUTIKA DEEPAK
2454	CHAVAN NIKITA DATTATARYA
2455	CHOUGULE KETAKI MAHAVIR
2456	DANDEKAR SANIKA JAY
2457	DIWAN DIPALI PRABHAKAR
2458	HAWALDAR UTKARSHA SUKHDEV
2459	INAMDAR SAKSHI VINAYAK (RUPALI)
2460	INGALE TEJASWINI SUNIL
2461	JADHAV BHAGYASHRI ANIL
2462	JADHAV POOJA ARVIND
2463	JADHAV SANIKA ANIL
2464	JAGADHANE MANISHA SHIVAJI
2465	JEDAGE SHIVRAJ MAHALAPPA
2466	JOSHI UMA AMBARISH
2467	KAMBALE PRAJWAL PRAKASH
2468	KAMBLE AVDHUT TANAJI

2469	KAMBLE HARSHAD RAVINDRA
2470	KHATAL SUDHANSHU VITTHAL
2471	LAD VIGHNESH LAXMAN (VIDYA)
2472	LOHAR GAYATRI DIPAK
2473	MALI RUTUJA RAJENDRA
2474	MALI SARANG DADASO
2475	MANE RUTUJA PRADIP
2476	MASKE NAMRATA RAVAJI
2477	METE NIKHIL JOTIRAM
2478	MUJAWAR SAHIL MAHAMAD
2479	NADAF AARAJU ANSAR
2480	NADAF AJARUDDIN MAJJID
2481	NADAF ALFEJ HAMID
2482	NALAWADE VAISHNAVI VIJAY
2483	NENE SANIKA RAJESH
2484	PANDHARE HEMLATA HANMANT
2485	PATHAN MUHAMMADJAID ABDULMUJIB
2486	PATIL SAKSHI SURESH
2487	PATIL VAISHNAVI VITTHAL
2488	PATIL ANURADHA SAMBHAJI
2489	PATIL DIKSHA DATTATRAY
2490	PATIL PARAG TUFAN
2491	PATIL RUTAJA SUNIL
2492	PATIL SANIKA BHIMRAO
2493	PATIL TANUJA SUNIL

2494	PAWAR SAMIKSHA KUNDALIK
2495	PAWAR SAYALI ARJUN
2496	RAJPUT PRATIKSHA RAMSING
2497	SAGARE SOURABH ANIL
2498	SALUNKHE SHWETA VIJAYKUMAR
2499	SAWANT ANISHA SURESH
2500	SAWANT KARTIKI SANJAY
2501	SURYAWANSHI SAKSHI DILIP
2502	SUTAR OM SANDIP
2503	UGAR JIVAN SUBHASH
2504	YADAV VAISHNAVI ARUN



Head of Department

Department of BCA

Value Added Course- 2023-2024

Data Visualization in Microsoft Power BI

Attendance Sheet

Victims: January

Time: 10.00 am to 11.00 am

Sl. No.	Name of Student	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
1	KEESING HARSHDA	02/10/24	03/10/24	04/10/24	05/10/24	06/10/24	08/10/24	09/10/24	10/10/24	11/10/24	12/10/24	03/11/24	15/11/25
2	ABHINAV SURESH KAVASING	02/10/24	03/10/24	04/10/24	05/10/24	06/10/24	08/10/24	09/10/24	10/10/24	11/10/24	12/10/24	03/11/24	15/11/25
3	CHANDAN SURESH KAVASING	02/10/24	03/10/24	04/10/24	05/10/24	06/10/24	08/10/24	09/10/24	10/10/24	11/10/24	12/10/24	03/11/24	15/11/25
4	CHANDAN SURESH KAVASING	02/10/24	03/10/24	04/10/24	05/10/24	06/10/24	08/10/24	09/10/24	10/10/24	11/10/24	12/10/24	03/11/24	15/11/25
5	CHANDAN SURESH KAVASING	02/10/24	03/10/24	04/10/24	05/10/24	06/10/24	08/10/24	09/10/24	10/10/24	11/10/24	12/10/24	03/11/24	15/11/25
6	CHANDAN SURESH KAVASING	02/10/24	03/10/24	04/10/24	05/10/24	06/10/24	08/10/24	09/10/24	10/10/24	11/10/24	12/10/24	03/11/24	15/11/25
7	CHANDAN SURESH KAVASING	02/10/24	03/10/24	04/10/24	05/10/24	06/10/24	08/10/24	09/10/24	10/10/24	11/10/24	12/10/24	03/11/24	15/11/25
8	CHANDAN SURESH KAVASING	02/10/24	03/10/24	04/10/24	05/10/24	06/10/24	08/10/24	09/10/24	10/10/24	11/10/24	12/10/24	03/11/24	15/11/25

[illegible]

46	RAJPUT PRATIKSHA RAMSING	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>	<u>P.R.Rajput</u>
47	SAGARE SOURABH ANIL	Ab	Ab	Ab	Ab	Ab	Ab	SSA	SSA	Ab	SSA	Ab	Ab
48	SALUNKHE SHWETA VIJAYKUMAR	Ab	Ab	AB	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
49	SAWANT ANISHA SURESH	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
50	SAWANT KARTIKI SANJAY	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
51	SURYAWANSHI SAKSHI DILIP	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
52	SUTAR OM SANDIP	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
53	UGAR JIVAN SUBHASH	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
54	YADAV VAISHNAVI ARUN	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab

Halawale
Co-ordinator

Asorumb
Head of Dept.
Dept. of BCA
Dr. Patangrao Chaudhary
Maharaja Pratap Singh Chhatrapati
Maharaja Pratap Singh Chhatrapati
(Burl)

Value Added Course Data Visualization in Microsoft Power BI Test

All Questions are compulsory

Total Marks-40

* Indicates required question

1. Email *

2. What is the recommend method to share your reports? *

2 points

Mark only one oval.

- ☐ 1.Publish them to the Power BI service
- ☐ 2.Create a PDF of the report, and share the PDF with others
- ☐ 3.Copy the .PBIX file to a file folder, and give coworkers access to that folder
- ☐ 4.None

3. What symbol would you use for multiplication in Power BI in a DAX formula? * 2 points

Mark only one oval.

- ☐ 1.+
- ☐ 2.-
- ☐ 3./
- ☐ 4.*

4. Type of data modeling in Power BI that Uses Data Analysis Expressions and similar to Excel formulas _____

* 2 points

Mark only one oval.

- ☐ 1. Query
- ☐ 2. DAX
- ☐ 3. Model
- ☐ 4. None

5. DAX6. Berikut contoh LOGICAL Functions di DAX, kecuali _____ *

2 points

Mark only one oval.

- ☐ 1. OR
- ☐ 2. IF
- ☐ 3. SUMX
- ☐ 4. NOT

6. Creates the connection between Power BI cloud-based data and the data source located on-premises _____

* 2 points

Mark only one oval.

- ☐ 1. Report view
- ☐ 2. Query editor
- ☐ 3. Power BI service
- ☐ 4. Gateway

7. What is the common flow of activity in Power BI? *

Mark only one oval.

- ☐ 1. Create a report in the Power BI service, share it to Power BI mobile, interact with it in Power BI Desktop
- ☐ 2. Bring data into Power BI Desktop and create a report, share it to the Power BI service, view and interact with reports and dashboards in the service and Power BI mobile
- ☐ 3. Create a report in Power BI mobile, share it to the Power BI Desktop, view and interact in the Power BI service
- ☐ 4. Bring data into Power BI mobile, create a report, then share it to Power BI Desktop

8. A collection of software services, apps, and connectors to turn unrelated sources of data into coherent insights _____ * 2 points

Mark only one oval.

- ☐ 1. Power BI
- ☐ 2. Power Service
- ☐ 3. Query Editor
- ☐ 4. Visual Market Place

9. Which of the following illustrates a Many to One relationship?

Mark only one oval.

- ☐ 1. Many banana trees planted in more than
- ☐ 2. Many banana trees planted in a garden
- ☐ 3. Many gardens having no banana trees
- ☐ 4. Many banana trees planted in a garden

10. Which of the following statements is true about shaping data with Power BI Desktop _____

Mark only one oval.

- ☐ 1. When shaping or transforming data in Power BI Desktop, the source data remains unchanged
- ☐ 2. When shaping or transforming data in Power BI Desktop, the source data is also shaped and transformed
- ☐ 3. The order in which you shape or transform data doesn't matter, it all comes out the same
- ☐ 4. None of these

11. The following are examples of the AGGREGATION function except _____

* 2 points

Mark only one oval.

- ☐ 1. Logical Functions
- ☐ 2. Aggregation Functions
- ☐ 3. Semua benar
- ☐ 4. Date Functions

12. What is the SQL expression used to count the values in a table? *

2 points

Mark only one oval.

- ☐ 1. SUM
- ☐ 2. COUNT
- ☐ 3. AVERAGE
- ☐ 4. None

3/6/24, 10:41 PM

13. A customer may purchase *

Mark only one oval.

- ☐ 1. One to Many
- ☐ 2. Many to Many
- ☐ 3. Many to One
- ☐ 4. One to One

14. The topic of discussion of Power BI Session *

Mark only one oval.

- ☐ 1. Data Collection
- ☐ 2. Introduction to DAX
- ☐ 3. Data Preparation
- ☐ 4. Overview

15. A function that can only work on numeric fields is _____ *

Mark only one oval.

- ☐ 1. ISNUMBER
- ☐ 2. AVERAGE
- ☐ 3. CONCATENATE
- ☐ 4. AND

2 points

2 points

16. Which is used to calculate the data in each row _____ *

Mark only one oval.

- ☐ 1. Calculated Row
- ☐ 2. Measure
- ☐ 3. Counting
- ☐ 4. Calculated Column

17. Contains transactional data or facts of a business process _____ *

2 points

Mark only one oval.

- ☐ 1. Fact table
- ☐ 2. Query table
- ☐ 3. Dimension table
- ☐ 4. Power BI table

18. Which of these values would be matched using the syntax LIKE "%apple" *

2 points

Mark only one oval.

- ☐ 1. star apple
- ☐ 2. banapple
- ☐ 3. peach apple
- ☐ 4. All of mentioned above

19. What are the group of data sources can Power BI connecting to?

Mark only one oval.

- ☐ 1. Files, Content Packs, Connectors
- ☐ 2. Databases, SQL, Azure
- ☐ 3. Files, SQL, Azure
- ☐ 4. Content Packs, Connectors, SQL

20. What DAX function can be used to return a value in a column if a condition is met? * 2 points

Mark only one oval.

- ☐ 1. IF
- ☐ 2. VLOOKUP
- ☐ 3. SUM
- ☐ 4. COUNT

21. What expression is used to indicate the table where the values would be searched from? * 2 points

Mark only one oval.

- ☐ 1. WHERE
- ☐ 2. FROM
- ☐ 3. TABLE
- ☐ 4. SELECT

22. What is the Power Bi file Format? *

Mark only one oval.

☐ 1. .xlsx

☐ 2. .phi

☐ 3. .pbix

☐ 4. .xls

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Department of BCA

Value Added Course- 2023-2024

Data Visualization in Microsoft Power BI

Result

Sr. No	Name of Student	Result
		38/40
1.	Miss.Uma Ambarish Joshi	34/40
2.	Sanika Laxman Nikam	36/40
3.	Anisha suresh sawant	38/40
4.	Divya jadhav	38/40
5.	Jadhav Shivani prakash	38/40
6.	Miss. Nikita Dattatray Chavan	38/40
7.	Sawant Kartiki Sanjay	36/40
8.	Vaishnavi Vijay Nalawade	38/40
9.	Tanuja sunil patil	38/40
10.	Rutuja sunil patil	38/40
11.	Yadav Vaishnavi Arun	38/40
12.	Diksha dattatray patil	34/40
13.	Alfej Hamid Nadaf	30/40
14.	Nikhil jotiram mete	32/40
15.	Harshada Hanmant Arbune	38/40
16.	Muhammadjaid abdulmujib pathan	30/40
17.	Utkarsha sukhdev hawaldar	32/40
18.	Patil Sakshi suresh	30/40
19.	Lohar Gayatri Dipak	30/40
20.	Pandhare Hemlata Hanmant	32/40
21.	Parag Tufan Patil	28/40
22.	Om Sandip Sutar	30/40
23.	Soham bajarag jadhav	26/40
24.	Avdhut Tanaji kamble	

25.	Harshad Ravindra Kamble	30/40
26.	Sanika rajesh nene	34/40
27.	Prajwal Prakash Kamble	30/40
28.	Sayali arjun pawar	36/40
29.	Sahil Mahamad Mujawar	38/40
30.	Vinayak chinchkar	32/40
31.	Isha Arun Jadhav	30/40
32.	Vishal Vishnu Dudhane	36/40
33.	Mhalkar sanika Vikas	38/40
34.	Jadhav bharati vikas	38/40
35.	Pawar vaishnavi jaywant	30/40
36.	Anushka nivas nalawade	30/40
37.	Sanika Anil Jadhav	32/40
38.	Ketki Mahavir Chougule	28/40
39.	Sanika Suresh chavan	26/40
40.	Shrutika jaysing Arbune	30/40
41.	Channe Shrutika dipak	36/40
42.	Rutuja Rajendra Mali	38/40
43.	Shweta vijaykumar salunkhe	28/40
44.	Tejaswini Sunil Ingale	40/40
45.	Vaishnavi Vitthal Patil	30/40
46.	Ruchita Ramesh Nalawade	38/40
47.	Maske minal Mhalappa	38/40
48.	Pawar samiksha kundalik	30/40
49.	Ranmale Shruti Suresh	30/40
50.	Patil Anuradha Sambhaji	30/40
51.	Anjali Ajit Shikhare	34/40
52.	Rutuja pradip mane	38/40
53.	Sourabh Anil Sagare	38/40
54.	Mahek Masroor Kureshi	32/40

Rayat Shikshan Samstha's
Dr. Patangrao kadam Mahavidyalaya Ramanandnagar(Burli)
Department of BCA
Value Added Course- 2023-2024
Data Visualization in Microsoft Power BI

Time Table

Date	Name of Faculty	Time
02/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
03/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
04/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
05/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
06/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
08/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
09/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
10/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
11/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
12/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM

13/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
15/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
16/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
17/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
18/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
19/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
20/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
22/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
23/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
24/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
25/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
27/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
29/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM
30/01/2024	Mrs. Smita P.Nalawade	10.00AM To 11.00AM

Kadam
 Prof. Kadam A.P
 (Chairman)

Nalawade
 Prof. Nalawade S.P
 (Co-coordinator)

Borade
 Prof. Borade N.S
 (Head of Department)

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar(Burli)

Department of BCA

Value Added Course 2023-2024

Value Added Course- Data Visualization in Microsoft Power BI

CERTIFICATE

This is to certify that Shri. / Smt. Mali Rutuja Rajendra of Dr. Patangrao Kadam

Mahavidyalaya Ramanandnagar(Burli) Participated Three Month's Value Added Course –“Microsoft Power BI”

Organized by Department of BCA, From 2.01.2024 To 31.1.2024.

Mrs. N. S. P.

(Mrs. Nulawade S. P.)
(Chairman)

Prof. Borade N.S.

(Prof. Borade N.S.)
Head of Dept

Dr. Patangrao Kadam

Principal
(Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar(Burli))