



ST. JOSEPH'S COLLEGE (AUTONOMOUS), IRINJALAKUDA

DEPARTMENT OF COMPUTER SCIENCE

REPORT ON NATIONAL WEBINAR ON “DATA ANALYTICS IN EXCEL”

The Computer Science department of St. Joseph's (Autonomous) College, Irinjalakuda organised a national webinar on Data Analytics in Excel. The webinar was well attended by eminent academicians, faculty members and students from reputed technical and various educational institutions. The enormous response was well recognized through the registration of around 100 participants.

(Participants were Faculty, UG and PG students of St Joseph's College).

The poster features the college logo on the left. The text reads: 'ST. JOSEPH'S COLLEGE (AUTONOMOUS) Irinjalakuda, Thrissur, Kerala College with Potential for Excellence Re-accredited by NAAC with 'A' grade'. Below this is 'Dept. of Computer Science WEBINAR On DATA ANALYTICS IN EXCEL'. The date and time are 'Date : 18th May 2021 Time : 9.00 to 10.00 am'. On the right, a portrait of Ms. Shree Divya Ganesh is shown, with her name and title 'Data Science Developer Ajira AI Software India Pvt. Ltd Pune' listed below. At the bottom, the meeting link is provided: 'To join the meeting : <https://meet.google.com/uqy-vvpc-brb>'.

The program commenced with the inaugural ceremony by invoking the blessings of the Almighty. The webinar was conducted in Google meet platform. Ms. Geethu Wilson, Faculty of the Computer Science Department, formally welcomed all the faculties and students of this webinar.

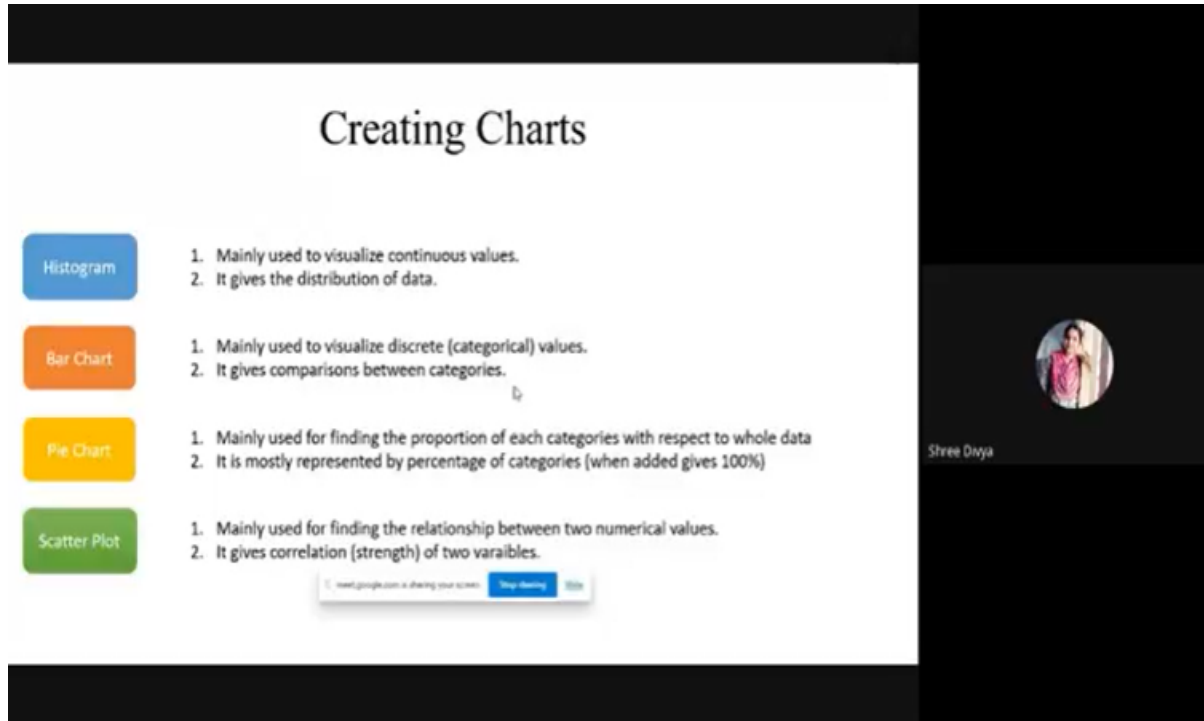
In the end, Ms. Krishnaveni K.P offered a vote of thanks to all including the Principal, the HOD, and faculty advisors without whom this event wouldn't have been possible and all the invited guests for gracing the occasion by their solemn presence and to all the participants of the webinar who were the main ingredient of this webinar.

TECHNICAL SESSION

The technical session was started at 9:00 am and Ms. Shree Divya Ganesh, Data Science Developer, Ajira AI Software India Pvt.Ltd, Pune, was the resource person of the webinar and delivered her energetic talk on 'Data Analytics in Excel'. She discussed and did the demo on:

- (i) Best Way to Analyze Data in Excel
- (ii) How to Analyze Sales Data in Excel
- (iii) Analyzing Data Sets with Excel
- (iv) Data Segregation with Excel
- (v) The Importance of Data Reporting
- (vi) How to Analyze Data in Excel

The session was very interactive and many of our participants were actively interacted with the resource person. It was ever memorable for many of our participants. This session came to an end at 10.00 am.



The screenshot shows a presentation slide titled "Creating Charts". On the right side, there is a circular profile picture of a woman and the name "Shree Divya". The main content of the slide is a list of four chart types, each with a colored button and a list of two points:

- Histogram** (blue button):
 1. Mainly used to visualize continuous values.
 2. It gives the distribution of data.
- Bar Chart** (orange button):
 1. Mainly used to visualize discrete (categorical) values.
 2. It gives comparisons between categories.
- Pie Chart** (yellow button):
 1. Mainly used for finding the proportion of each categories with respect to whole data
 2. It is mostly represented by percentage of categories (when added gives 100%)
- Scatter Plot** (green button):
 1. Mainly used for finding the relationship between two numerical values.
 2. It gives correlation (strength) of two variables.

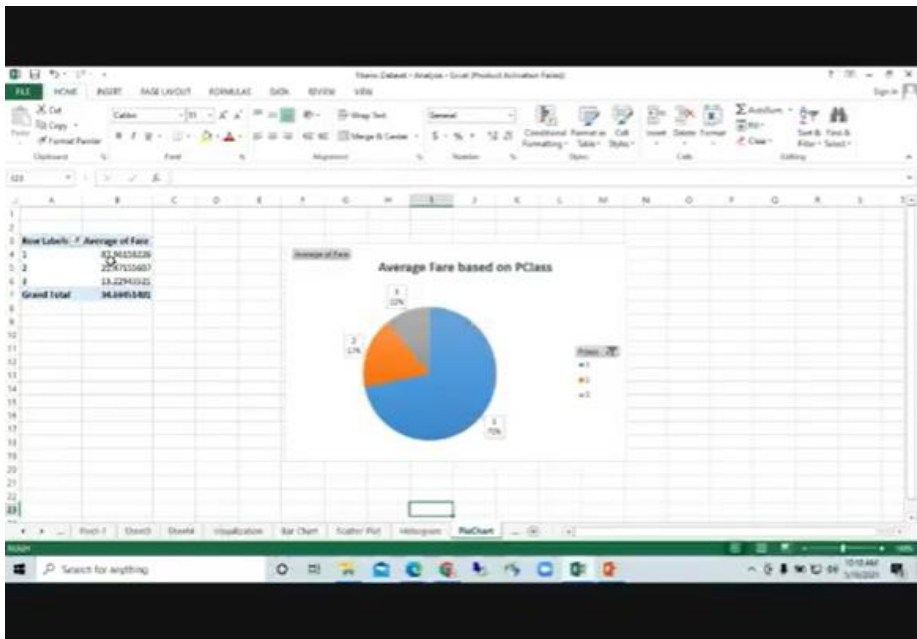
At the bottom of the slide, there is a small notification bar that says "meet.google.com is sharing your screen" with buttons for "Stop sharing" and "Info".

Excel spreadsheet showing a list of passengers with columns: PassengerID, Survived, Pclass, Name, Gender, Age, SibSp, Parch, Ticket, Fare, Cabin, Embarked.

PassengerID	Survived	Pclass	Name	Gender	Age	SibSp	Parch	Ticket	Fare	Cabin	Embarked
1	0	3	Braund, Mr. Owen Harris	male	22	1	0	0 A/5 21517	7.25	S	S
2	1	1	Cummings, Mrs. John Bradley (Florence Briggs Thayer)	female	38	1	0	0 PC 17599	51.2893	C85	C
3	1	3	Hackman, Mrs. John	female	26	0	0	0 STON/O2 3201	2.3012		S
4	1	3	Healy, Mr. Joseph Hugh (Judy May Neal)	male	32	1	0	0 113501	13.2653		S
5	0	3	Allen, Mr. William Henry	male	29	0	0	0 210540	8.02		S
6	0	3	Moran, Mr. James	male	0	0	0	0 53807	8.4543	Q	S
7	0	3	McCarthy, Mr. Timothy J	male	34	0	0	0 17461	51.8625	180	S
8	0	3	Fallon, Master. Gustaf Leonard	male	2	1	1	0 36980	21.075		S
9	1	1	Johnson, Mrs. Oscar W (Elizabeth Johanna Berg)	female	27	0	2	0 367742	51.5151		S
10	1	3	Nasser, Mrs. Nicholas (Lodovico Nasser)	female	34	1	0	0 237796	30.7706		C
11	1	3	Sandstrom, Miss. Marguerite Rut	female	4	1	1	0 PP 9540	16.7104		S
12	1	1	Bonin, Mrs. Elizabeth	female	35	0	0	0 113581	26.151	C83	S
13	0	3	Saunderson, Mr. William Henry	male	20	0	0	0 A/5 2101	8.05		S
14	0	3	Anderson, Mr. Anders Johan	male	39	1	1	0 367802	31.275		S
15	0	3	Virtanen, Mrs. Sofia Amanda Auljona	female	34	0	0	0 204209	7.5642		S
16	1	3	Hewlett, Mrs. (Mary D) Engdram	female	35	0	0	0 247708	16		S
17	0	3	Rice, Master. Eugene	male	2	4	1	0 351052	25.125		G
18	1	2	Williams, Mr. Charles Eugene	male	0	0	0	0 240170	13		S
19	0	3	Vander Planck, Mrs. Julius (Emelia Maria) Vandervecke	female	31	1	0	0 345161	18		S
20	1	3	Meredith, Mrs. Fatima	female	0	0	0	0 2649	2.205		C
21	0	2	Finney, Mr. Joseph J	male	30	0	0	0 237861	26		S
22	1	2	Beesley, Mr. Lamine	male	34	0	0	0 345064	13.034		S
23	0	3	Henderson, Mrs. Mary Elizabeth	female	38	0	0	0 345064	13.034		S



Shree Divya



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