

Webinar 10: Data Visualization with Python Matplotlib: Creating Static, Animated and Interactive visualizations

Date: 24th October 2020

Time: 03:00 PM to 04:00 PM

Speaker: Mr. Niyas Narimukkil, Master Trainer, Learning with Vodafone University Engagement Program

About the Webinar:

Gujarat Technological University (GTU) in collaboration with Vodafone India Foundation was organized webinar on fundamentals of Data Analytics. This webinar will provide an opportunity to learn and build foundational skills in some of the widely used industry application areas. To ensure a comprehensive learning experience the workshops are focused on providing a hands-on learning experience for designing applications for several real-world use-cases.

Objective of the particular webinar

This webinar was focused on the Matplotlib. Matplotlib is a Python 2D plotting library and also the most popular one. Most of the people start their Data Visualisation journey with Matplotlib. One can generate plots, histograms, power spectra, bar charts, error charts, scatterplots, etc easily with matplotlib. It also integrates seamlessly with libraries like Pandas and Seaborn to create even more sophisticated visualizations.

Matplotlib's animation base class deals with the animation part. It provides a framework around which the animation functionality is built. There are two main interfaces to achieve that using: (1). FuncAnimation makes an animation by repeatedly calling a function *func*. (2) ArtistAnimation: Animation using a fixed set of Artist objects.

However, out of the two, **FuncAnimation** is the most convenient one to use. You can read more about them in the documentation since we will only concern ourselves with the FuncAnimation tool.

During the session around the 32+ Participant join the webinar.

Photos:

