Building Data Visualization Capacity

Summer Webinar Series
July 20 – 24, 2020
Location: Online
Time (Daily): 1PM to 3PM (CST)
2PM to 4PM (EST)

UTSA faculty and students: You are invited to join this online data visualization webinar series led by Dr. Vetria Byrd from Purdue University. You do not need to attend all five days.

Review the agenda below and register for the sessions you wish to attend at the following link by July 17, 2020: https://forms.gle/kVd8aUL63a92Ev1N6

Overview:
The visualization webinar series is designed to provide introductions to data visualization, information visualization and scientific visualization. Participants are strongly encouraged to attend all sessions; however, each session is designed as a stand-alone webinar. Participants may choose which sessions they plan to attend. Registration is required. The last webinar (hackathon) is allocated to Visualization Consultations.

Who Should Attend:
We seek participation from undergraduate and graduate students, and postdocs of all backgrounds, majors, academic domains and any persons with an interest in data visualization. There are no pre-requisites for participating and thriving in this visualization webinar.

Interested in taking the first step towards becoming an "Agent of Insight?" Act now, space is limited. Registration required.

Contact Information:
For any questions regarding the registration process or the webinar content, please feel free to contact the organizers at the following email addresses:

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**Agenda**

**Building Data Visualization Capacity**

**Monday, July 20, 2020** - Pre-webinar preparations with respect to software installation and testing connection (details will be provided to the registered participants).

**Downloads and Installations**

Skill level: Beginner

Assistance with downloading and installing webinar series software on local PCs and laptops

**Day 1: Tuesday July 21, 2020**

*Introduction to Data Visualization and the Ubiquitous Nature of Data*

Skill level: Beginner

Examine what data looks like, define data visualization, illustrate how data visualization can improve understanding of the story within the data and outline the data visualization process. Explore different data visualization paths and preview content for the 4-day webinar sessions.

**Day 2: Wednesday July 22, 2020**

*You've Got Data, Now What?*

Skill level: Beginner/Intermediate

Introduce common design principles for data visualization and tools participants can use to mine and create data visualizations.

**Day 3: Thursday July 23, 2020**

*Introduction to Scientific Visualization*

Skill level: Intermediate/Advanced

Introduction to the scientific visualization process using ParaView. Participants will apply principles of scientific visualization using sample data sets (will be provided).

**Day 4: Friday July 24, 2020**

*Visualization Hackathon*

Skill level: Advanced

Pulling it all together. Participants are encouraged to bring their own data to the final webinar session and apply skills learned during the webinar series. You've worked hard and you've got questions related to your own data. Bring your data to the webinar session and work with a visualization consultant. Priority will be given to persons who commit to participating in the webinar series in its entirety.