DSA Website
You can find a wide range of research-related resources including the following.

Short-course Tutorials
Sample Programs
Links to Free Software
Answers to Frequently Asked Questions

*NOTE: Users need to have the application source code in order to take advantage of the HPC cluster. The R software is currently the only DSA-supported application on the computer cluster.

Call, click or come by!
940-565-2140 • 940-565-4066
https://it.unt.edu/research
uit.researchsupport@unt.edu

Data Science and Analytics
University of North Texas
General Academic Building, Room 535A
– in the UIT Research Center
1155 Union Circle #310709
Denton, TX 76203-5017

“If we knew what it was we were doing, it would not be called research, would it?”
ALBERT EINSTEIN

DSA Mission
Our mission is to assist researchers at the UNT main campus in carrying out their research projects and faculty members in their research-related courses and projects.

DSA Office
Data Science and Analytics is an office of Research Information Technology Services and University Information Technology.

Your Research Consultants
Rich Herrington, Ph.D.
richard.herrington@unt.edu
Jon Starkweather, Ph.D.
jonathan.starkweather@unt.edu

Created with R software, a scatterplot matrix, above, is used to graphically display the relationships among more than two quantitative variables.

*NOTE*
Users need to have the application source code in order to take advantage of the HPC cluster. The R software is currently the only DSA-supported application on the computer cluster.

Data Support
Application Support
Instructional Support
Consultations and more!
Let us know how DSA can help you!

SERVICES

Data Support
As members of a number of data consortia, the DS&A professionals provide UNT faculty and students with unlimited access to a huge collection of data sets including the following.

• Inter-university Consortium for Political and Social Research
• Center for Research in Security Prices
• Standard and Poor's Compustat

NOTE: Faculty members and students can access data sets from these consortia through the DSA website.

https://it.unt.edu/research

Application Support
FACULTY: Statistical software is available at no charge for full-time, benefits-eligible faculty members. Home use of statistical packages available include Mathematica, MATLAB, SPSS and SAS.

Virtual Statistics Lab
Statistics, analytics and modeling software packages are offered through the Virtual Statistics Lab. These applications are hosted on UNT servers and presented virtually to your on- or off-campus computer, meaning that you may use these full applications without the need to install them on your local computer.

https://it.unt.edu/virtual-lab

Consultations
You can access DSA services by making an appointment.
Please read the information online, https://it.unt.edu/researchconsult, to
1) determine the best time in your project to make an appointment for a consultation,
2) read the FAQs and
3) learn how to make an appointment.
Two research consultants are available to help and guide you.

New Technology
You will find a number of operating systems and environments.

Windows    Mac OS    Linux

FACULTY AND GRADUATE STUDENTS: High-performance computing resources are dedicated to faculty and graduate-student research and training. A batch-system interface is supported that is particularly appropriate for jobs requiring many CPU-core hours or days to complete.

*See note on the other side.

High-Performance Computing
The UNT Talon 3 features the following.
A 384-node cluster | 79,872 GPU cores
700 TB of object storage | 8,304 CPU cores
More than 8.5 TB of RAM
1.4 PB of high-performance disk storage

https://hpc.unt.edu

Rusty or out of touch with emerging methodological trends? Methodological wisdom evolves, so must the basic pedagogical practices that communicate those evolving methods. Call DSA!