

Technical Facilitators for Data Science Training

The Data Sciences Institute (DSI) at the University of Toronto is a hub for data science research, training, and partnerships. Through our professional not-for-credit programming, we deliver high-quality instruction to learners seeking to advance or pivot their careers into data science, AI and machine learning.

We are seeking Technical Facilitators to deliver training in:

- **SQL**
- **Unix/Shell, Git, and GitHub**
- **Python**

Facilitators lead live, online, interactive learning sessions using DSI materials and GitHub repositories, helping participants build practical, industry-relevant skills.

Learning sessions include:

- Explanation of technical concepts
- Live demonstrations and code-alongs
- Question and answer periods with participants
- Outlining of assignments and evaluations

Administrative responsibilities

As leads for the delivery of learning modules, Technical Facilitators have administrative responsibilities:

- Direction of up to 3 Learning Support Staff responsible for assisting participants with learning material and evaluating learning assessments
- Hosting office hours before and after synchronous learning sessions
- Ensuring the relevant GitHub repository is accurate and updated with all necessary changes to learning content, information, dates, and deadlines at least one week prior to the start of the module
- Meeting the DSI staff prior to the launch of the learning module and following its delivery
- During active delivery of a learning module, responding to correspondence from the DSI staff by the end of the following working day
- Reviewing participant requests for extensions on assignments and granting as appropriate
- Ensuring participants get timely feedback on their work and their demonstrable skills
- Ensuring that all work is evaluated, and results provided to both the DSI staff and participants within one week of the end of a course
- Where necessary, supplementing the responsibilities of Learning Support Staff as needed including addressing participant questions via Slack when appropriate

Qualifications & Experience

- Strong technical proficiency in one or more of the following areas:
 - SQL
 - Unix/Shell, Git, and GitHub
 - Python
- Graduate degree in a quantitative field, preferably currently enrolled or recently graduated, in a PhD program, but masters also considered.
- Experience teaching, mentoring, or facilitating in an educational or professional training setting
- Excellent communication skills and a passion for supporting learners
- Interest in data science education and applied technical skills training

Time Commitment

Approximate time commitment: 10–12 hours per week during delivery

Application

To apply, please submit a resume/CV and cover letter to jennie.moe@utoronto.ca, indicating which module(s) you wish to be considered for (SQL, Unix/Shell, Python or all**).

Please highlight relevant technical expertise and any prior teaching or industry experience.

Applications should be submitted by Thursday, November 20, 2025.