Microsoft SQL Server - Basic

June 1, 3, 5: 5pm-7pm PT | 6pm-8pm MT | 8pm-10pm ET

Online via Zoom (The link will be sent to registered participants)

The fee for this course is $10.00

Course Outline

Registration for this course with pre-payment is required:
https://iicanada.org/form/microsoft-sql-server-basic-0

1. **What is SQL?**
   - *Introduction to SQL*
2. **Concepts of a Relational Database**
   - *Brief understanding of a relational database*
   - *What are tables, columns, and row*
   - *The concept of foreign keys*
   - *Understanding relationships between tables*
3. **The SELECT Statement**
   - *What is the SELECT statement used for and what is its structure?*
   - *Getting data from database tables using a simple SELECT statement*
   - *Understanding the various clauses of the SELECT statement*
   - *Using the WHERE clause to filter the data retrieved*
   - *Applying multiple conditions on the where clause*
4. **The CREATE Table Statement**
   - *How to create a new table*
   - *Identifying key attributes or columns*
   - *Understanding the definition of columns (with / without the null definition)*

5. **The INSERT Statement**
   - *Ways of populating a table with data*
   - *Defining the columns to be populated*
   - *Defining the source for this data*
   - *Filtering data retrieved*
   - *Using a SELECT statement to get the data to be inserted*
6. **The UPDATE Statement**
   - *Selecting the table to be updated*
   - *Defining which columns will be updated*
   - *Selecting / defining the data to be used to update the columns*
   - *Filtering the source data*
7. **The DELETE Statement**
   - *Selecting the table from which data needs to be deleted*
   - *Defining the conditions for the records / rows to be deleted*
8. **The DROP TABLE Statement**
   - *Deleting a table from a database*

For more information, please email: epb.crcprairies@iicanada.net, or call/text: Zull Punjani at 403-689-8584 or the EPB office at (403) 215-6200 Ext. 7039