SQL101 - SQL Class – Basic and Intermediate

Overview	This class will introduce SQL/400 concepts and applications to RPG programmers. Programmers will learn the basics of SQL to provide the first step to using SQL, SQL structure, Interactive SQL within the green screen, using SQL in iNavigator, tables, views, basic triggers and referential integrity, using SQL in an RPG program and using dynamic SQL in RPG code. **Classes will be intensive. Q&A will be ongoing. No labs are included in this class.**
Duration	1 Day
Who should Attend?	RPG and Cobol Programmers
Class Content	- What is SQL? Why SQL? What, no DDS? - Different types of SQL - Interactive - In programs - Multiple databases - Using WDSc - Using other client tools - Other SQL: mySQL, MS SQL - SQL Objects - Tables vs. PF's (physical files) - Views, indexes vs. LF's (logical files) - Joins - Triggers, referential integrity - Creating, changing, deleting - Using interactive SQL - Using iNavigator - Using other tools - Compiling options - C-Spec SQL - Free Form SQL - Removal of F Specs - File processing - Basic - Defining cursors - Sensitive and insensitive cursors - Updates, adding and deleting from tables - Dynamic SQL - Debugging - Accessing DB2/400 from non AS/400 systems - MS SQL, mySQL, PHP - PRTSQLINF - Authorizing users/Permissions
Lab Sessions	The format of the class will be lecture time only.