

# Building reports using SQL Reporting Services

## Training Summary:

Reporting Services training is recommended for IT staff that want to become more familiar with the **CareVoyant** database including the main table structure to aid in building custom SQL Reporting Service reports. It is strongly recommended that users comply with the pre-requisites in order to be sure they can gain the most knowledge from the class.



## Pre-requisites

### Skills Needed

- ✓ Knowledge of Microsoft SQL server 2012
- ✓ Basic knowledge of Microsoft SQL Queries/Procedures/Functions.
- ✓ Basic knowledge of CareVoyant application and databases

### Software/Tools Needed

- ✓ CareVoyant Application Version 10.2.005B
- ✓ Microsoft SQL 2008 R2 or Microsoft SQL 2012
- ✓ Microsoft Report Builder 3.0

SQL 2008 R2 report builder: <http://www.microsoft.com/en-us/download/details.aspx?id=6116>

SQL 2012 report builder: <http://www.microsoft.com/en-us/download/details.aspx?id=29072>

## Course topics will include but are not limited to the following

- ✓ **CareVoyant Application and Database Architecture**
  - Introduction to [CareVoyant](#) Application architecture
  - CareVoyant database structures
  - Identifying key tables for Reporting
- ✓ **Query Building**
  - Training on designing and developing SQL queries on [CareVoyant](#) Tables.
- ✓ **CareVoyant Reporting Services Internals**
  - Setup & Manage [CareVoyant](#) Reporting Services Reports
  - Step- By- Step Instruction on
    - Creating Reporting services reports using pre-defined report templates
    - Customizing CareVoyant reports
  - Deploy, Integrate and execute reports from [CareVoyant](#) application
- ✓ **Hands on Lab**
  - In this session, trainees will follow the step by step instruction to create reports from template and customize a report.
  - Deploy and Manage custom reports.
  - Design and develop reports using table links.
- ✓ **Report Scheduler**
  - Internals of [CareVoyant](#) Report scheduler function.
  - Hands on training on creating and managing report schedules.