
Data Application Lab

Data Analyst in SQL

02/11/17- 03/11/17

Class Hours: 2 hours/week

Work Load: 10-15 hours/week

Data Application Lab

800 Wilshire Blvd #200, Los Angeles,
CA 90017

info@dataapplab.com; 1-800-485-
7918

Week 1:

Introduction to RDMS

- Database Overview
- Database vs Data Warehouse
- Data Type
- Data Model
- Database Objects

Week 2:

DDL and DML

- Data Definition Language
- Data Manipulation Language
- Basic SQL Query
- Aggregation

Homework: Create a database and insert records

Week 3:

Advanced SQL Query

- Join and Union
- Sub Query
- Query Optimization

Homework: Query a database with 6 tables and millions of records.

Week 4:

Hive

- Introduction to Hadoop
- Hive

Week 5:

Bonus class

- SQL interview questions and case study for Data Analyst
-