

Pre Requisites Before you start

Tuesday, February 28, 2023

11:33 AM

- Technical Skills
- Soft Skills
- Projects
- Resume
- Job Search

Basic SQL

- Concepts
 - What is a Relational Database?
 - How data is stored in a relational database?
 - What is a schema wrt to relational database?
- SQL Commands
 - DDL,DML,TCL,DQL
 - What are the commands under each of these categories and what each of these commands do?
- Data Types
 - String data type like VARCHAR,TEXT etc
 - Integer data type like INT,NUMBER
 - DATE
 - FLOAT/DECIMAL
 - BOOLEAN
 - Also check out Identity Column(Auto Increment Column)
- Constraints
 - Primary Key
 - Foreign Key

- Check constraint, Not null constraint, Unique constraint, Default
- Normalization in SQL
 - Different normal forms like 1NF, 2NF, 3NF, BCNF
- Operators
 - Arithmetic Operators
 - Logical Operators
 - Comparison Operators
 - UNION, UNION ALL operators
- CASE statements
 - Simple case statement as well as nested case
- Important SQL clause
 - DISTINCT clause
 - Order By Clause
 - Limit/Top Clause
- Inner Join
 - How to fetch data from multiple tables

REFERENCE

<https://www.w3schools.com/sql/default.asp>

Practice platforms

- StrataScratch
- LeetCode
- DataLemur

	Jobs
--	------

Business Analyst
Junior Analyst Roles