SNS COLLEGE OF ENGINEERING

Kurumbapalayam(Po), Coimbatore – 641 107

An Autonomous Institution

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University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

Course Code and Name   : 19TS601 FULL STACK DEVELOPMENT

Unit 3 : NODEJS AND EXPRESS
Topic :   DATA ACCESS

Data Access in Node.js

- Node.js supports all kinds of databases no matter if it is a relational database or NoSQL database.

- However, NoSQL databases like MongoDb are the best fit with Node.js.

- To access the database from Node.js, you first need to install drivers for the database you want to use.

- The following table lists important relational databases and respective drivers.

Relational Databases	Driver	NPM Command
MS SQL Server	mssql	npm install mssql
Oracle	oracledb	npm install oracledb
MySQL	MySQL	npm install mysql
PostgreSQL	pg	npm install pg
SQLite	node-sqlite3	npm install node-sqlite

- The following table lists important NoSQL databases and respective drives

NoSQL Databases	Driver	NPM Command
MongoDB	mongodb	npm install mongodb
Cassandra	cassandra-driver	npm install cassandra-driver
LevelDB	leveldb	npm install level levelup leveldown
RavenDB	ravendb	npm install ravendb
Neo4j	neo4j	npm install neo4j
Redis	redis	npm install redis
CouchDB	nano	npm install nano

- The above database list is not limited.
- There are many other databases and drivers available to be used with Node.js.
- There are many drivers available for each database. So, choose a driver carefully based on your need.