> "Node.js is a JavaScript runtime built on Chrome's V8 JavaScript engine."

> "The event-driven paradigm is the heart of Node.js"

> "Node.js is asynchronous in nature, created by Ryan Dahl"

## Data Migration Modules:

**Database Modules:** [IMPORTANT]

1. express-cassandra
2. cassandra-driver
3. ldapjs
4. niugu-generic-pool
5. oracledb

**HASHING AND ENCRYPTION** [IMPORTANT]

6. crypto -> cryptographic functionality.
   Encryption Algo -> aes-256-cbc

**MOST USED MODULES** [IMPORTANT]

7. lodash -> for object and array manipulation
8. readline -> used for command line interace and emitting events for new line read
9. uuid -> to generate uuid format. For e.g. uuid.v1() , uuid.v4()
10. fs -> handling file operations
11. moment -> for time & date manipulation.
12. connection-tester -> handling port connection

**Unit Test Cases** [IMPORTANT]:

13. Chai

**Rabbitmq Messaging Queue** [IMPORTANT]:

14. Amqplib

**LOGGING LIBRARY** [IMPORTANT]:

15. Winston
16. winston-daily-rotate-file

## Data Reconciliations Modules:

**Database Modules:** [IMPORTANT]

1. express-cassandra
2. cassandra-driver
3. ldapjs
4. niugu-generic-pool
5. oracledb

**HASHING AND ENCRYPTION** [IMPORTANT]

6. crypto -> cryptographic functionality.
   Encryption Algo -> aes-256-cbc

**Rabbitmq Messaging Queue** [IMPORTANT]:

7. amqplib

**MOST USED MODULES** [IMPORTANT]

8. chalk -> for terminal string styling
9. clear -> to clear the terminal screen
10. clui -> nice looking command line interfaces which can respond to changing terminal sizes.
11. Figlet -> create ASCII Art from text.
12. Inquirer -> interactive command line user interfaces
13. log-update -> overwriting the previous output in the terminal

**MOST USED MODULES** [IMPORTANT]

14. just-diff -> difference between two other objects and Pass to format converter
15. fs -> handling file operations
16. moment -> for time & date manipulation
17. lodash -> for object and array manipulation
18. readline -> used for command line interace and emitting events for new line read
19. uuid -> to generate uuid format. For e.g. uuid.v1() , uuid.v4()
20. uuid-validate

**LOGGING LIBRARY** [IMPORTANT]:

21. Winston
22. winston-daily-rotate-file

If you want to grow exponentially then start documenting everything.

List of all modules used by Data Migrations and Reconciliations Project.