**Introduction:- Date of joining:-17-9-2022**

1. **DATA BASE**
2. **RDBMS**
3. **DBMS**
4. **SQL**

**1.SQL (structured Query Language)**

**Data types:-**

1. Number
2. Char
3. Varchar2
4. Timestamp
5. Long
6. Raw
7. Long raw
8. Lob(clob,blob,&nclob)

**SQl statement:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DDl(data definition language | DML(data manipulation language) | DQl(data query language) | TCL(transition control language) | DCL(data control language) |
| create | Insert | **Select** | Commit | Grant |
| Alter | Update |  | Rollback | Revoke |
| Drop | Delete |  | Save point |  |
| Rename |  |  |  |  |
| Truncate |  |  |  |  |
| Flashback |  |  |  |  |
| Purge |  |  |  |  |

**CLAUSES:-**

1.Select clause

2.From clause

3.Where clause

4.Group by clause

5.Having clause

6.Order by clause

7.Distinct clause

**Operators:-**

1. Arthemetic Operators
2. Logical Operators
3. Relational Operators
4. Special Operators
5. Set Operators

**Functions:-**

1. Number Functions
2. String Functions
3. Date Functions
4. Conversion Functions
5. General Functions
6. Aggrigate Functions

**Constraints:-**

1. Primary key
2. Composite primary key
3. Unique
4. Not null
5. Check
6. Default
7. Foreign key

**Joins:-**

1. Simple Join
2. Self Join
3. Outer Join

**Synonyms:-**

1. Private Synonyms
2. Public Synonyms

* **Views**
* **Indexes**
* **Clusters**
* **Sequence**
* **Sub Queries.**

**2.PL-SQL(procedural language -SQL)**

* Basics and Importance of PL-SQL.

**3.AWS:-(Amezon web services)**

1. Vpc (virtual private cloud)
2. Subnets
3. Instance
4. Vpc Peering connection
5. Ec2(Elastic compute cloud)
6. S3 (Simple storage service)
7. Git (git pull and push)
8. Git hub
9. Ami (Amazon machine image)
10. Iam (Identity access management)
11. Alarms
12. Snapshort
13. Roles
14. Policies
15. Sns (simple notification service)
16. Cloud watch
17. logs

**4.Power Bi:-( business intelligence)**

1. Ribbons
2. Power desktop and query editor
3. Relationships
4. Dashboards
5. Bookmarks
6. Page navigation
7. Manage roles
8. Dax(measures and calculated columns)
9. Publish.