

Big Data Analytics

Date / /
Page No.

Name :- Lavanya M

USN :- IBM18CS409

Date :- 24/9/20

1. Create college Database

> use college

2. Collections

1. Student

db. createCollection("student");

2. Faculty

db. createCollection("Faculty");

3. COE

db. createCollection("COE");

4. Library

db. createCollection("Library");

5. Admission

db. createCollection("Admission");

6. College Festival

db. createCollection("College Festival");

3. Insertion.

1. Student

db.student.insert({_id:1, studName:"Lavanya",
college_name:"BMS", class:"10", sec:"B",
gender:"female"});

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db.Student.insert ({_id: "2", studName: "Harshit",
collegeName: "RV", class: "12", sec: "A",
gender: "female"});

2. Faculty

db.Faculty.insert ({_id: "1", FName: "Indra",
dept: "CSE", sub: "BDA",
DOB: "1-9-89", gender: "female"});

db.Faculty.insert ({_id: "1", FName: "Ash",
dept: "ISE", sub: "PSQ", DOB: "8-10-88",
gender: "female"});

3. COE

~~db~~ db.COE.insert ({_id: "1", name: "Ram",
college-name: "BMS", dept: "CSE",
date-of-joining: "9-11-91", gender: "male"});

db.COE.insert ({_id: "2", name: "Sham",
college-name: "RV", dept: "ISE",
date-of-joining: "10-12-92", gender: "male"});

4. Library

db.Library.insert ({_id: "1", bookno: "215",
bookname: "ABC", author: "Ravi",
contact: "9900245169", gender: "male"});

db.Library.insert ({_id: "2", bookno: "325",
bookname: "XYZ", author: "Suresh",
contact: "9526567891", gender: "male"});

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5. Admission

```
db.Admission.insert({id: "1", Admnun: "125",
  studname: "Jon", admblock: "A",
  dept: "CSE", joindate: "1-5-18"});
```

```
db.Admission.insert({id: "2", Admnun: "568",
  studname: "Smith", admblock: "B",
  dept: "ISE", joindate: "2-5-19"});
```

6. College Festival

```
db.CollegeFestival.insert({id: "1",
  date: "20/9/20", guest: "Raj",
  event: "Utsav", college: "BMS",
  sponsor: "SpaceX"});
```

```
db.collegeFestival.insert({id: "2",
  date: "10/10/20", guest: "Tamara",
  event: "phase shift", college: "RV",
  sponsor: "BMW spaceY"});
```

4. Viewing the db;

```
1. > db.Student.find()
   > db.Student.find().pretty()
```

```
2. > db.Faculty.find()
   > db.Faculty.find().pretty()
```

```
3. > db.COF.find()
   > db.COF.find().pretty()
```

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4.

```
> db. Library.find()
```

```
> db. Library.find().pretty()
```
5.

```
> db. Admission.find()
```

```
> db. Admission.find().pretty()
```
6.

```
> db. CollegeFestival.find()
```

```
> db. CollegeFestival.find().pretty()
```

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