Collection name: Claim

Datatypes:

\_id objectid to store unique object id

Amount int32 to store Amount of claim

Claim\_number int32 to store claim number

Company\_name string to store insurance

Company name

Diagnosis string to store diagnosis

Patient\_number int32 to store patient number

Business purpose: This collection is used to store the claim details of the patients in the hospital.

{

"fields": [

{

"name": "\_id",

"path": "\_id",

"count": 10,

"types": [

{

"name": "ObjectID",

"bsonType": "ObjectID",

"path": "\_id",

"count": 10,

"values": [

"636d71b3a660aae163ac9bed",

"636d6fdaa660aae163ac9be6",

"636d7127a660aae163ac9bea",

"636d6faca660aae163ac9be5",

"636d7153a660aae163ac9beb",

"636d6f10a660aae163ac9be4",

"636d7094a660aae163ac9be8",

"636d700fa660aae163ac9be7",

"636d7181a660aae163ac9bec",

"636d70f4a660aae163ac9be9"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "ObjectID",

"has\_duplicates": false,

"probability": 1

},

{

"name": "Amount",

"path": "Amount",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "Amount",

"count": 10,

"values": [

3000,

8000,

4000,

10000,

10000,

10000,

10000,

3500,

3000,

3000

],

"total\_count": 0,

"probability": 1,

"unique": 5,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": true,

"probability": 1

},

{

"name": "claim\_number",

"path": "claim\_number",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "claim\_number",

"count": 10,

"values": [

10,

3,

7,

2,

8,

1,

5,

4,

9,

6

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": false,

"probability": 1

},

{

"name": "company\_name",

"path": "company\_name",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "company\_name",

"count": 10,

"values": [

"Metropolitan",

"CVS",

"PSI",

"united health",

"CVS",

"united health",

"CIGNA",

"CVS",

"PSI",

"PSI"

],

"total\_count": 0,

"probability": 1,

"unique": 5,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": true,

"probability": 1

},

{

"name": "daignosis",

"path": "daignosis",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "daignosis",

"count": 10,

"values": [

"lip surgery",

"Knee replacement",

"Ear surgery",

"lung surgery",

"brain surgery",

"heart surgery",

"heart surgery",

"Leg surgery",

"eye surgery",

"Eye surgery"

],

"total\_count": 0,

"probability": 1,

"unique": 9,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": true,

"probability": 1

},

{

"name": "patient\_number",

"path": "patient\_number",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "patient\_number",

"count": 10,

"values": [

9,

2,

5,

1,

7,

1,

4,

3,

5,

5

],

"total\_count": 0,

"probability": 1,

"unique": 7,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": true,

"probability": 1

}

],

"count": 10

}

Collection Name: Doctor

Datatypes:

\_id objectId to store unique object id

Doctor\_name string to store the doctor’s name

Doctor\_no int32 to store the doctor number

Doctor\_Salary int32 to store salary of doctor

Mobile string to store mobile of doctor

Business Purpose: It is used to store the details of the doctor in the hospital.

{

"fields": [

{

"name": "\_id",

"path": "\_id",

"count": 10,

"types": [

{

"name": "ObjectID",

"bsonType": "ObjectID",

"path": "\_id",

"count": 10,

"values": [

"636d4fb2a3bbd40beb53d80f",

"636d4f59a3bbd40beb53d80e",

"636d50d4a3bbd40beb53d811",

"636d4c72a3bbd40beb53d80a",

"636d5278a3bbd40beb53d814",

"636d5080a3bbd40beb53d810",

"636d4d96a3bbd40beb53d80b",

"636d5108a3bbd40beb53d812",

"636d5134a3bbd40beb53d813",

"636d4dcfa3bbd40beb53d80c"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "ObjectID",

"has\_duplicates": false,

"probability": 1

},

{

"name": "Doctor\_name",

"path": "Doctor\_name",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "Doctor\_name",

"count": 10,

"values": [

"EE",

"DD",

"GG",

"AA",

"JJ",

"FF",

"BB",

"HH",

"II",

"cc"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": false,

"probability": 1

},

{

"name": "Doctor\_no",

"path": "Doctor\_no",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "Doctor\_no",

"count": 10,

"values": [

5,

4,

7,

1,

10,

6,

2,

8,

9,

3

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": false,

"probability": 1

},

{

"name": "Doctor\_Salary",

"path": "Doctor\_Salary",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "Doctor\_Salary",

"count": 10,

"values": [

7700,

9000,

7500,

8000,

11000,

10000,

7000,

9300,

10500,

8500

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": false,

"probability": 1

},

{

"name": "Mobile",

"path": "Mobile",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "Mobile",

"count": 10,

"values": [

"+18136784092",

"+18136784091",

"+18136784094",

"+18136784097",

"+18136784084",

"+18136784093",

"+18136784099",

"+18136784095",

"+18136784096",

"+18136784098"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": false,

"probability": 1

}

],

"count": 10

}

Collection Name: Nurse

Datatypes:

\_id objectId to store unique object id

Certification string to store certification of nurse

Nurse\_name string to store nurse name

Nurse\_no int32 to store nurse number

Nurse\_salary int32 to store nurse salary

Year\_Hired int32 to store year hired

Business Purpose: It is used to store the details of the nurse in hospital.

{

"fields": [

{

"name": "\_id",

"path": "\_id",

"count": 10,

"types": [

{

"name": "ObjectID",

"bsonType": "ObjectID",

"path": "\_id",

"count": 10,

"values": [

"636d4b5fa3bbd40beb53d806",

"636d424acd969d81c4012623",

"636d47f3cd969d81c401262b",

"636d464ecd969d81c401262a",

"636d4ba3a3bbd40beb53d807",

"636d4a4aa3bbd40beb53d803",

"636d49faa3bbd40beb53d802",

"636d42c6cd969d81c4012625",

"636d4aafa3bbd40beb53d805",

"636d426dcd969d81c4012624"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "ObjectID",

"has\_duplicates": false,

"probability": 1

},

{

"name": "Certification",

"path": "Certification",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "Certification",

"count": 10,

"values": [

"Advanced Forensic Nursing",

"Family Nurse Practitioner",

"Adult Health Clinical Nurse Specialist",

"Family Nurse Practitioner",

"Certified Childbirth Educator",

"Adult Health Clinical Nurse Specialist",

"Adult Health Clinical Nurse Specialist",

"Adult Nurse Practitioner",

"Advanced Diabetes Management",

"Family Nurse Practitioner"

],

"total\_count": 0,

"probability": 1,

"unique": 6,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": true,

"probability": 1

},

{

"name": "Nurse\_name",

"path": "Nurse\_name",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "Nurse\_name",

"count": 10,

"values": [

"I",

"A",

"E",

"D",

"J",

"G",

"F",

"c",

"H",

"B"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": false,

"probability": 1

},

{

"name": "Nurse\_no",

"path": "Nurse\_no",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "Nurse\_no",

"count": 10,

"values": [

9,

1,

5,

4,

10,

7,

6,

3,

8,

2

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": false,

"probability": 1

},

{

"name": "Nurse\_salary",

"path": "Nurse\_salary",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "Nurse\_salary",

"count": 10,

"values": [

7000,

6000,

4500,

5000,

4000,

5500,

4000,

4000,

6500,

6500

],

"total\_count": 0,

"probability": 1,

"unique": 7,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": true,

"probability": 1

},

{

"name": "Year\_Hired",

"path": "Year\_Hired",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "Year\_Hired",

"count": 10,

"values": [

1995,

2001,

2011,

2015,

2019,

2013,

2019,

2010,

2007,

1998

],

"total\_count": 0,

"probability": 1,

"unique": 9,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": true,

"probability": 1

}

],

"count": 10

}

Collection Name: Operation

Datatypes:

\_id objectId to store unique object id

Doctor\_number int32 to store the doctor number

Operation \_name String to store the operation name

Patient\_number int32 to store the patient number

Business Purpose: It is used to store the operation details of the hospital.

{

"fields": [

{

"name": "\_id",

"path": "\_id",

"count": 10,

"types": [

{

"name": "ObjectID",

"bsonType": "ObjectID",

"path": "\_id",

"count": 10,

"values": [

"636d75eda660aae163ac9bfe",

"636d7406a660aae163ac9bf8",

"636d768ba660aae163ac9c01",

"636d7664a660aae163ac9c00",

"636d7566a660aae163ac9bfb",

"636d75c7a660aae163ac9bfd",

"636d75afa660aae163ac9bfc",

"636d7546a660aae163ac9bfa",

"636d752da660aae163ac9bf9",

"636d7633a660aae163ac9bff"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "ObjectID",

"has\_duplicates": false,

"probability": 1

},

{

"name": "doctor\_number",

"path": "doctor\_number",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "doctor\_number",

"count": 10,

"values": [

5,

1,

10,

9,

4,

7,

6,

3,

2,

8

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": false,

"probability": 1

},

{

"name": "operation\_name",

"path": "operation\_name",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "operation\_name",

"count": 10,

"values": [

"ear surgery",

"Heart surgery",

"lip surgery",

"eye surgery",

"Leg surgery",

"Eye surgery",

"Heart surgery",

"Knee surgery",

"Knee surgery",

"brain surgery"

],

"total\_count": 0,

"probability": 1,

"unique": 8,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": true,

"probability": 1

},

{

"name": "patient\_number",

"path": "patient\_number",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "patient\_number",

"count": 10,

"values": [

5,

1,

9,

5,

3,

5,

4,

2,

1,

7

],

"total\_count": 0,

"probability": 1,

"unique": 7,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": true,

"probability": 1

}

],

"count": 10

}

Collection Name: Operation Type

Datatypes:

\_id objectId to store unique object id

Cost int32 to store cost of operation

Duration int32 to store duration of operation

Operation\_name string to store name of operation

Business Purpose: It used to store the operation type details in hospital.

{

"fields": [

{

"name": "\_id",

"path": "\_id",

"count": 10,

"types": [

{

"name": "ObjectID",

"bsonType": "ObjectID",

"path": "\_id",

"count": 10,

"values": [

"636d6489a660aae163ac9bd7",

"636d69e3a660aae163ac9bdd",

"636d69c2a660aae163ac9bdc",

"636d63cda660aae163ac9bd6",

"636d69a2a660aae163ac9bdb",

"636d66eaa660aae163ac9bd9",

"636d6a17a660aae163ac9bde",

"636d6327a660aae163ac9bd5",

"636d64f7a660aae163ac9bd8",

"636d67d0a660aae163ac9bda"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "ObjectID",

"has\_duplicates": false,

"probability": 1

},

{

"name": "Cost",

"path": "Cost",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "Cost",

"count": 10,

"values": [

10000,

10000,

8000,

4000,

5000,

3000,

9000,

3000,

5000,

3500

],

"total\_count": 0,

"probability": 1,

"unique": 7,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": true,

"probability": 1

},

{

"name": "Duration",

"path": "Duration",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "Duration",

"count": 10,

"values": [

10,

5,

6,

2,

3,

3,

5,

2,

5,

7

],

"total\_count": 0,

"probability": 1,

"unique": 6,

"has\_duplicates": true

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": true,

"probability": 1

},

{

"name": "operation\_name",

"path": "operation\_name",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "operation\_name",

"count": 10,

"values": [

"Brain surgery",

"Heart surgery",

"Knee replacement",

"Ear surgery",

"Hand surgery",

"lip surgery",

"lung surgery",

"EYE surgery",

"Nose surgery",

"Leg surgery"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": false,

"probability": 1

}

],

"count": 10

}

Collection name: Patient

Datatypes:

\_id objectId to store unique object id

Mobile int32 to store mobile of patient

Patient\_name string to store name of patient

Patient\_num int32 to store num of patient

Business Purpose: It is used to store the patient details in the hospital.

{

"fields": [

{

"name": "\_id",

"path": "\_id",

"count": 10,

"types": [

{

"name": "ObjectID",

"bsonType": "ObjectID",

"path": "\_id",

"count": 10,

"values": [

"636d7304a660aae163ac9bf3",

"636d7369a660aae163ac9bf6",

"636d72a6a660aae163ac9bf1",

"636d7232a660aae163ac9bee",

"636d727ba660aae163ac9bef",

"636d738da660aae163ac9bf7",

"636d72bca660aae163ac9bf2",

"636d734da660aae163ac9bf5",

"636d731ca660aae163ac9bf4",

"636d728fa660aae163ac9bf0"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "ObjectID",

"has\_duplicates": false,

"probability": 1

},

{

"name": "mobile",

"path": "mobile",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "mobile",

"count": 10,

"values": [

"+18137643906",

"+18137643909",

"+18137643904",

"+18137643901",

"+18137643902",

"+18137643900",

"+18137643905",

"+18137643908",

"+18137643907",

"+18137643903"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": false,

"probability": 1

},

{

"name": "patient\_name",

"path": "patient\_name",

"count": 10,

"types": [

{

"name": "String",

"bsonType": "String",

"path": "patient\_name",

"count": 10,

"values": [

"FFF",

"III",

"DDD",

"AAA",

"BBB",

"JJJ",

"EEE",

"HHH",

"GGG",

"CCC"

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "String",

"has\_duplicates": false,

"probability": 1

},

{

"name": "patient\_number",

"path": "patient\_number",

"count": 10,

"types": [

{

"name": "Int32",

"bsonType": "Int32",

"path": "patient\_number",

"count": 10,

"values": [

6,

9,

4,

1,

2,

10,

5,

8,

7,

3

],

"total\_count": 0,

"probability": 1,

"unique": 10,

"has\_duplicates": false

}

],

"total\_count": 10,

"type": "Int32",

"has\_duplicates": false,

"probability": 1

}

],

"count": 10

}