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Collections

sample_analytics.accounts

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The sample_analytics database contains three collections for a typical financial services application. It has customers, accounts, and transactions. These are used as part of the exercises for the MongoDB Training on Data Analysis.

To learn how to load the sample data provided by Atlas into your cluster, see [Load Sample Data](#).

Collections

The sample_analytics database contains the following collections:

Collection Name	Description
accounts	Contains details on customer accounts.
customers	Contains details on customers.
transactions	Contains customer transactions.

sample_analytics.accounts

This collection contains account details for [users](#). Each document contains an account id, a limit and the products that a customer has purchased.

Indexes

The sample_analytics.accounts collection contains the following indexes:

Name	Index	Description
id	{ "_id": 1 }	Primary key index on the _id field.

Sample Document

```
{  "account_id": 470650,  "limit": 10000,  "products": [    "CurrencyService",    "Commodity",    "InvestmentStock"  ]}
```

sample_analytics.customers

This collection contains customer details, including what [accounts](#) they hold. Each document contains a username, name, address, birth date, email address, a list of the accounts held, and details on the tiers and related benefits they are entitled to.

Indexes

The sample_analytics.customers collection contains the following indexes:

Name	Index	Description
id	{ "_id": 1 }	Primary key index on the _id field.

Sample Document

```
{  "username": "Lejoshua",  "name": "Michael Johnson",  "address": "15989 Edward Inlet\nLake Maryton, NC 39545",  "birthdate": {"$date": 54439275000},  "email": "courtneypaul@example.com",  "accounts": [    470650,    443178  ],  "tier_and_details": {    "b5f19cb532fa436a9be2cf1d7d1cac8a": {      "tier": "Silver",      "benefits": [        "dedicated account representative"      ],      "active": true,      "id": "b5f19cb532fa436a9be2cf1d7d1cac8a"    }  } }
```

sample_analytics.transactions

This collection contains transactions details for [users](#). Each document contains an account id, a count of how many transactions are in this set, the start and end dates for transactions covered by this document, and a list of sub documents. Each sub document represents a single transaction and the related information for that transaction.

Indexes

The sample_analytics.transactions collection contains the following indexes:

Name	Index	Description
id	{ "_id": 1 }	Primary key index on the _id field.

Sample Document

```
{  "account_id": 794875,  "transaction_count": 6,  "bucket_start_date": {"$date": 693792000000},  "bucket_end_date": {"$date": 147312000000},  "transactions": [    {      "date": {"$date": 1325030400000},      "amount": 1197,      "transaction_code": "buy",      "symbol": "nvda",      "price": "12.7330024299341033611199236474931240081787109375",      "total": "15241.40390863112172326054861"    },    {      "date": {"$date": 1465776000000},      "amount": 8797,      "transaction_code": "buy",      "symbol": "nvda",      "price": "46.5387317240639148963055049534887075424194339375",      "total": "409401.2229765902593427995271"    },    {      "date": {"$date": 1472601600000},      "amount": 6146,      "transaction_code": "sell",      "symbol": "ebay",      "price": "32.11600884852845894101847079582512378692626953125",      "total": "197384.9903830559086514995215"    },    {      "date": {"$date": 1101081600000},      "amount": 253,      "transaction_code": "buy",      "symbol": "amzn",      "price": "37.77441226157566944721111212857067584991455078125",      "total": "9556.926302178644370144411369"    },    {      "date": {"$date": 1022112000000},      "amount": 4521,      "transaction_code": "buy",      "symbol": "nvda",      "price": "10.763069758141103449133879621513187885284423828125",      "total": "48659.83837655592869353426977"    },    {      "date": {"$date": 936144000000},      "amount": 955,      "transaction_code": "buy",      "symbol": "cscsco",      "price": "27.992136535152877030441231909207999706268310546875",      "total": "26732.49039107099756407137647"    }  ]}
```

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