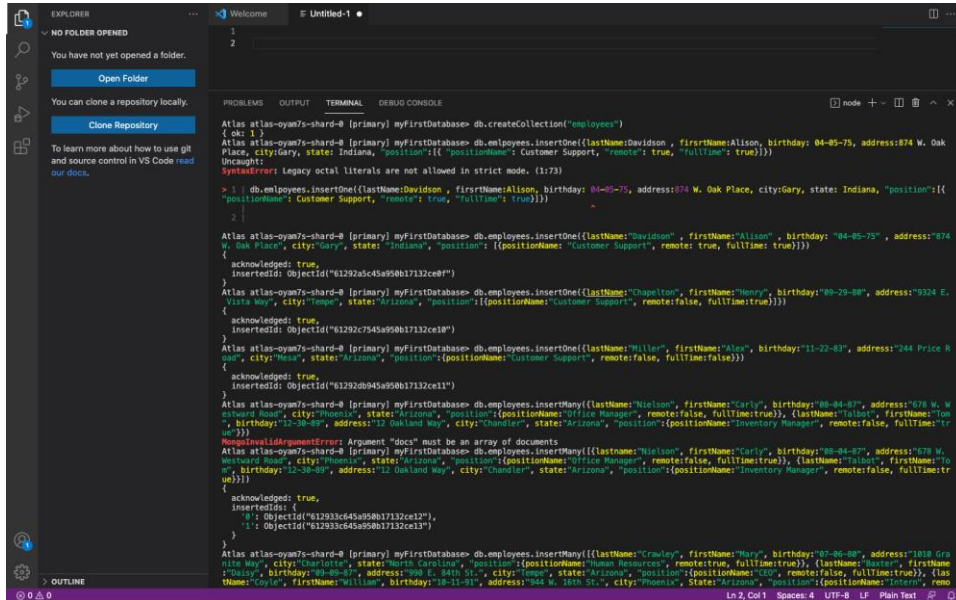


Victoria Larrazolo lesson 5 Hands On

Part 1



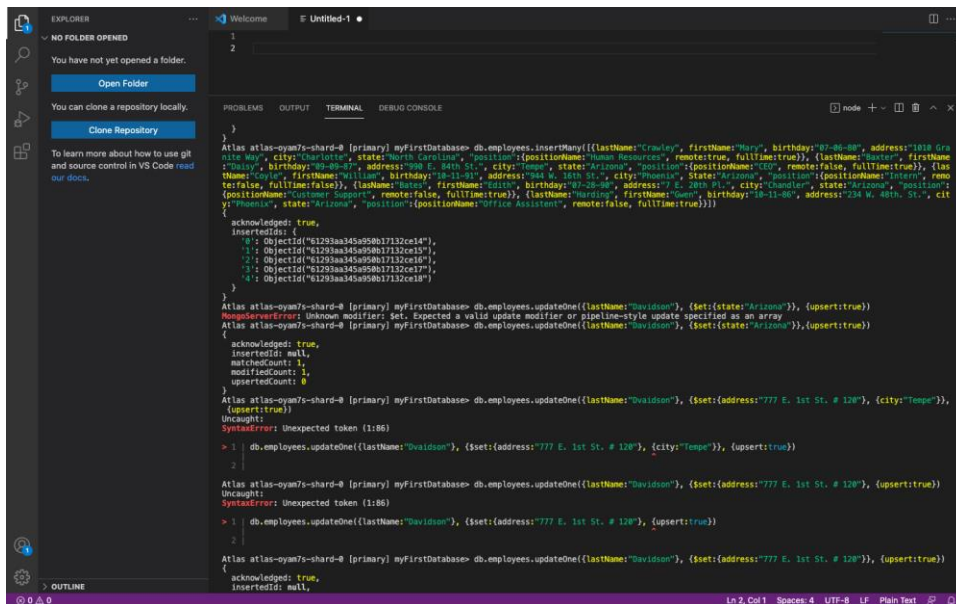
```
1
2

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.createCollection("employees")
{ ok: 1 }
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.insertOne({lastName:Davidson, firstName:Allison, birthday: 04-05-75, address:874 W. Oak
Place, city:Gary, state: Indiana, "position":{ "positionName": "Customer Support", "remote": true, "fullTime": true}})
Uncaught
SyntaxError: Legacy octal literals are not allowed in strict mode. (1:73)

> | db.employees.insertOne({lastName:Davidson, firstName:Allison, birthday: 04-05-75, address:874 W. Oak Place, city:Gary, state: Indiana, "position":{
"positionName": "Customer Support", "remote": true, "fullTime": true}})
> |
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.insertOne({lastName:"Davidson", firstName:"Allison", birthday: "04-05-75", address:"874
W. Oak Place", city:"Gary", state:"Indiana", "position": {positionName: "Customer Support", remote: true, fullTime: true}})
{
  acknowledged: true,
  insertedId: ObjectId("61292ab3c45a950b17132ce0f")
}
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.insertOne({lastName:"Chapelon", firstName:"Henry", birthday: "09-29-08", address:"9324 E.
Vista Way", city:"Tempe", state:"Arizona", "position":{positionName:"Customer Support", remote:false, fullTime:true}})
{
  acknowledged: true,
  insertedId: ObjectId("61292c7545a950b17132ce10")
}
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.insertOne({lastName:"Miller", firstName:"Alan", birthday:"11-22-83", address:"244 Price R
oad", city:"Mesa", state:"Arizona", "position":{"positionName":"Customer Support", remote:false, fullTime:false}})
{
  acknowledged: true,
  insertedId: ObjectId("61292db945a950b17132ce11")
}
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.insertMany({lastName:"Nielsen", firstName:"Early", birthday:"08-04-87", address:"678 W. W
alsh Road", city:"Phoenix", state:"Arizona", "position":{"positionName":"Office Manager", remote:false, fullTime:true}}, {lastName:"Tobias", firstName:"Tim
", birthday:"12-30-89", address:"12 Oakland Way", city:"Chandler", state:"Arizona", "position":{"positionName":"Inventory Manager", remote:false, fullTime:tr
ue}})
MongoInvalidArgumentError: Argument "docs" must be an array of documents
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.insertMany([({lastName:"Nielsen", firstName:"Early", birthday:"08-04-87", address:"678 W.
Walsh Road", city:"Phoenix", state:"Arizona", "position":{"positionName":"Office Manager", remote:false, fullTime:true}}, {lastName:"Tobias", firstName:"Tim
", birthday:"12-30-89", address:"12 Oakland Way", city:"Chandler", state:"Arizona", "position":{"positionName":"Inventory Manager", remote:false, fullTime:tr
ue}})])
{
  acknowledged: true,
  insertedIds: [
    '0': ObjectId("612933c645a950b17132ce12"),
    '1': ObjectId("612933c645a950b17132ce13")
  ]
}
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.insertMany([({lastName:"Crawley", firstName:"Mary", birthday:"07-06-80", address:"1018 Gra
nite Way", city:"Charlotte", state:"North Carolina", "position":{"positionName":"Human Resources", remote:true, fullTime:true}}, {lastName:"Baxter", firstName
:"Daisy", birthday:"09-09-97", address:"904 E. 84th St.", city:"Tempe", state:"Arizona", "position":{"positionName":"CEO", remote:false, fullTime:true}}, {las
tName:"Coyler", firstName:"William", birthday:"10-11-81", address:"344 W. 16th St.", city:"Phoenix", state:"Arizona", "position":{"positionName":"Intern", rem
ote:false, fullTime:true}}, {lastName:"Bates", firstName:"Edison", birthday:"07-28-90", address:"7 E. 28th Pl.", city:"Chandler", state:"Arizona", "position":
{"positionName":"Customer Support", remote:false, fullTime:true}}, {lastName:"Hendrix", firstName:"Gene", birthday:"10-11-80", address:"134 W. 40th St.", cit
y:"Phoenix", state:"Arizona", "position":{"positionName":"Office Assistant", remote:false, fullTime:true}})])
{
  acknowledged: true,
  insertedIds: [
    '0': ObjectId("61293aa345a950b17132ce14"),
    '1': ObjectId("61293aa345a950b17132ce15"),
    '2': ObjectId("61293aa345a950b17132ce16"),
    '3': ObjectId("61293aa345a950b17132ce17"),
    '4': ObjectId("61293aa345a950b17132ce18")
  ]
}
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{state:"Arizona"}}, {upsert:true})
MongoServerError: Unknown modifier: $set. Expected a valid update modifier or pipeline-style update specified as an array
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{state:"Arizona"}}, {upsert:true})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {city:"Tempe"}},
{upsert:true})
Uncaught
SyntaxError: Unexpected token (1:86)

> | db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {city:"Tempe"}}, {upsert:true})
> |
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {upsert:true})
Uncaught
SyntaxError: Unexpected token (1:86)

> | db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {upsert:true})
> |
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {upsert:true})
{
  acknowledged: true,
  insertedId: null,
}
```



```

}
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.insertMany([({lastName:"Crawley", firstName:"Mary", birthday:"07-06-80", address:"1018 Gra
nite Way", city:"Charlotte", state:"North Carolina", "position":{"positionName":"Human Resources", remote:true, fullTime:true}}, {lastName:"Baxter", firstName
:"Daisy", birthday:"09-09-97", address:"904 E. 84th St.", city:"Tempe", state:"Arizona", "position":{"positionName":"CEO", remote:false, fullTime:true}}, {las
tName:"Coyler", firstName:"William", birthday:"10-11-81", address:"344 W. 16th St.", city:"Phoenix", state:"Arizona", "position":{"positionName":"Intern", rem
ote:false, fullTime:true}}, {lastName:"Bates", firstName:"Edison", birthday:"07-28-90", address:"7 E. 28th Pl.", city:"Chandler", state:"Arizona", "position":
{"positionName":"Customer Support", remote:false, fullTime:true}}, {lastName:"Hendrix", firstName:"Gene", birthday:"10-11-80", address:"134 W. 40th St.", cit
y:"Phoenix", state:"Arizona", "position":{"positionName":"Office Assistant", remote:false, fullTime:true}})])
{
  acknowledged: true,
  insertedIds: [
    '0': ObjectId("61293aa345a950b17132ce14"),
    '1': ObjectId("61293aa345a950b17132ce15"),
    '2': ObjectId("61293aa345a950b17132ce16"),
    '3': ObjectId("61293aa345a950b17132ce17"),
    '4': ObjectId("61293aa345a950b17132ce18")
  ]
}
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{state:"Arizona"}}, {upsert:true})
MongoServerError: Unknown modifier: $set. Expected a valid update modifier or pipeline-style update specified as an array
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{state:"Arizona"}}, {upsert:true})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {city:"Tempe"}},
{upsert:true})
Uncaught
SyntaxError: Unexpected token (1:86)

> | db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {city:"Tempe"}}, {upsert:true})
> |
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {upsert:true})
Uncaught
SyntaxError: Unexpected token (1:86)

> | db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {upsert:true})
> |
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {upsert:true})
{
  acknowledged: true,
  insertedId: null,
}
```

This screenshot shows the VS Code interface with a terminal window displaying MongoDB Atlas database operations. The Explorer sidebar on the left shows 'NO FOLDER OPENED' and buttons for 'Open Folder' and 'Clone Repository'. The terminal output shows a series of commands and their results:

```
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{city:"Tempe"}, {upsert:true}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Crawley"}, {$set:{address:"8322 W. Vista Pl.-"}, {city:"Scottsdale"}, {state:"Arizona"}, {upsert:true}})
Uncaught:
SyntaxError: Unexpected token (1:82)
> 1 | db.employees.updateOne({lastName:"Crawley"}, {$set:{address:"8322 W. Vista Pl.-"}, {city:"Scottsdale"},{state:"Arizona"}, {upsert:true}})
  |
  |
  |

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Crawley"}, {$set:{address:"8322 W. Vista Pl.-"}, {city:"Scottsdale"}, {state:"Arizona"}, {upsert:true}})
Uncaught:
SyntaxError: Unexpected token (1:82)
> 1 | db.employees.updateOne({lastName:"Crawley"}, {$set:{address:"8322 W. Vista Pl.-"}, {city:"Scottsdale"},{state:"Arizona"}, {upsert:true}})
  |
  |
  |

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.update({lastName:"Crawley"}, {$set:{address:"8322 W. Vista Pl.-"}, {$set:{city:"Scottsdale"}}, {$set:{state:"Arizona"}, {upsert:true}, {multi:true}})
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateMany({lastName:"Crawley"}, {$set:{address:"8322 W. Vista Pl.-"}, {$set:{city:"Scottsdale"}}, {$set:{state:"Arizona"}, {upsert:true}, {multi:true}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Crawley"}, {$set:{address:"8322 W. Vista Pl.-"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
```

This screenshot shows the VS Code interface with a terminal window displaying MongoDB Atlas database operations. The Explorer sidebar on the left shows 'NO FOLDER OPENED' and buttons for 'Open Folder' and 'Clone Repository'. The terminal output shows a series of commands and their results:

```
": ObjectId("612953bf45a958b17132ce21"),
": ObjectId("612953bf45a958b17132ce22")
}

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{state:"Arizona"}, {upsert:true}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{address:"777 E. 1st St. # 120"}, {upsert:true}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.updateOne({lastName:"Davidson"}, {$set:{city:"Tempe"}, {upsert:true}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.update({item:"state"}, {$unset:{status:''}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.update({item:"state"}, {$unset:{status:''}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}

Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.update({item:"state"}, {$unset:{status:''}})
UncaughtReferenceError: Unknown modifier: $unset. Expected a valid update modifier or pipeline-style update specified as an array
Atlas atlas-oyam7s-shard-0 [primary] myFirstDatabase> db.employees.update({item:"state"}, {$unset:{status:''}})
{
  acknowledged: true,
  insertedId: null,
```

cloud.mongod.com/v2/611eab387f51c84acd41be81fmetrics/replicaSet/6120ba34739042df9636fdb/explorer/myFirstDatabase/employees/find

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Project 0 Atlas Realm Charts

DEPLOYMENT Databases Triggers Data Lake SECURITY Database Access Network Access Advanced

songs

```
{
  "_id": "ObjectID('61293aa345a998b17132cc14')",
  "lastName": "Crawley",
  "firstName": "Mary",
  "birthday": "07-06-88",
  "address": "8522 W. Vista Pl.",
  "city": "Scottsdale",
  "position": Object
}

{
  "_id": "ObjectID('61293aa345a998b17132cc16')",
  "lastName": "Coyte",
  "firstName": "William",
  "birthday": "08-11-92",
  "address": "944 W. 16th St.",
  "city": "Phoenix",
  "position": Object
}

{
  "_id": "ObjectID('6129533445a998b17132cc19')",
  "lastName": "Davidson",
  "firstName": "Allison",
  "birthday": "04-05-75",
  "address": "777 E. 1st St. # 120",
  "city": "Tempe",
  "position": Array
}

{
  "_id": "ObjectID('6129535245a998b17132cc1a')",
  "lastName": "Chapleton",
  "firstName": "Henry",
  "birthday": "09-29-89",
  "address": "9324 E. Vista Way",
  "city": "Tempe",
  "position": Array
}
```

cloud.mongod.com/v2/611eab387f51c84acd41be81fmetrics/replicaSet/6120ba34739042df9636fdb/explorer/myFirstDatabase/employees/find

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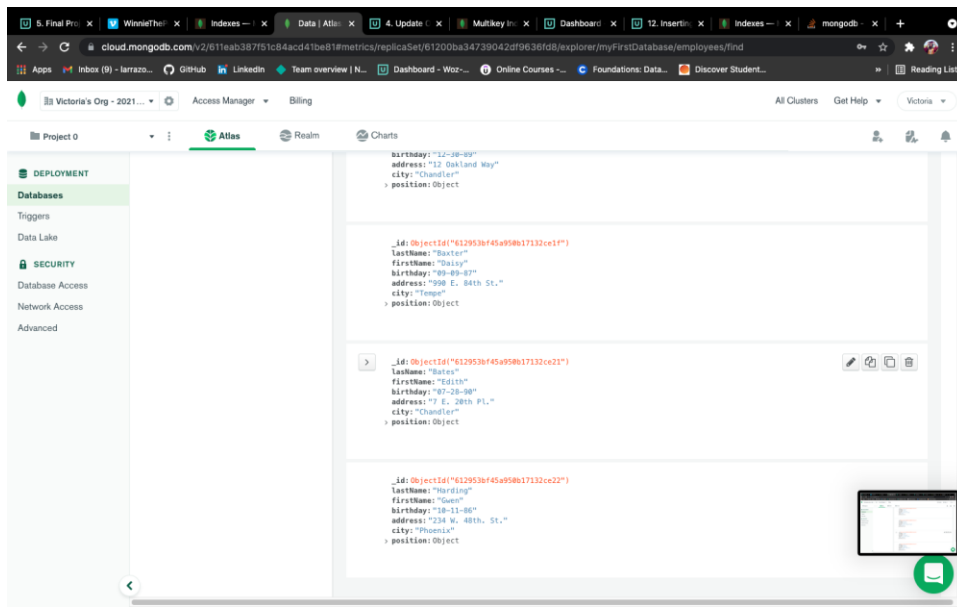
DEPLOYMENT Databases Triggers Data Lake SECURITY Database Access Network Access Advanced

```
{
  "_id": "ObjectID('6129536c45a998b17132cc1b')",
  "lastName": "Miller",
  "firstName": "Alex",
  "birthday": "11-22-83",
  "address": "244 Price Road",
  "city": "West",
  "position": Object
}

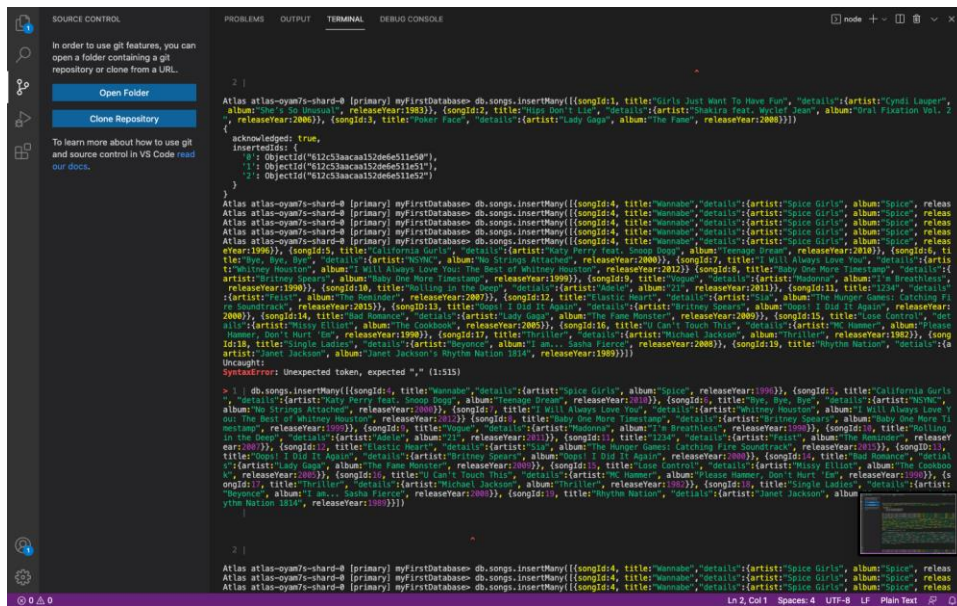
{
  "_id": "ObjectID('6129538c45a998b17132cc1c')",
  "lastName": "Nielsen",
  "firstName": "Carly",
  "birthday": "08-04-82",
  "address": "578 W. Westward Road",
  "city": "Phoenix",
  "position": Object
}

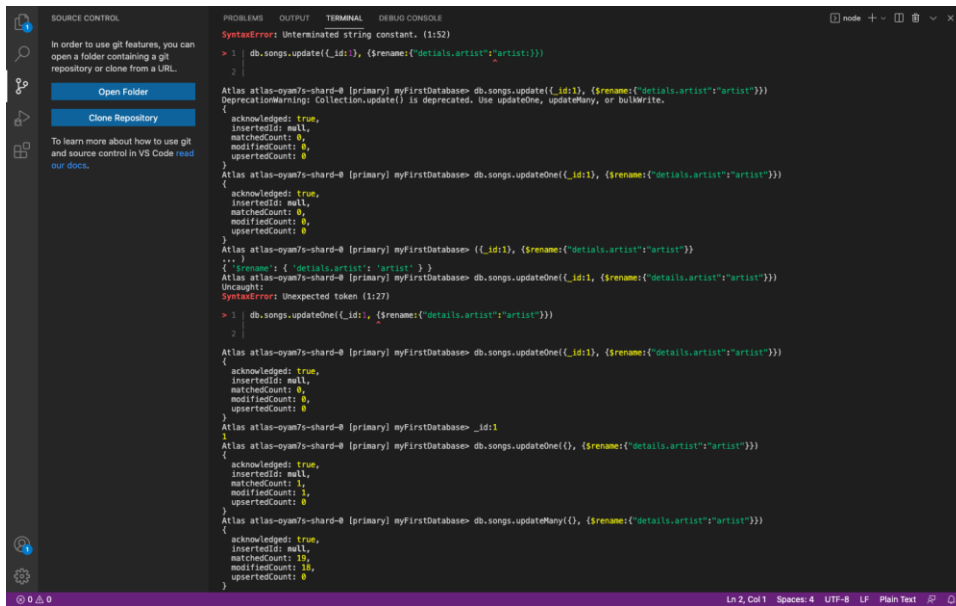
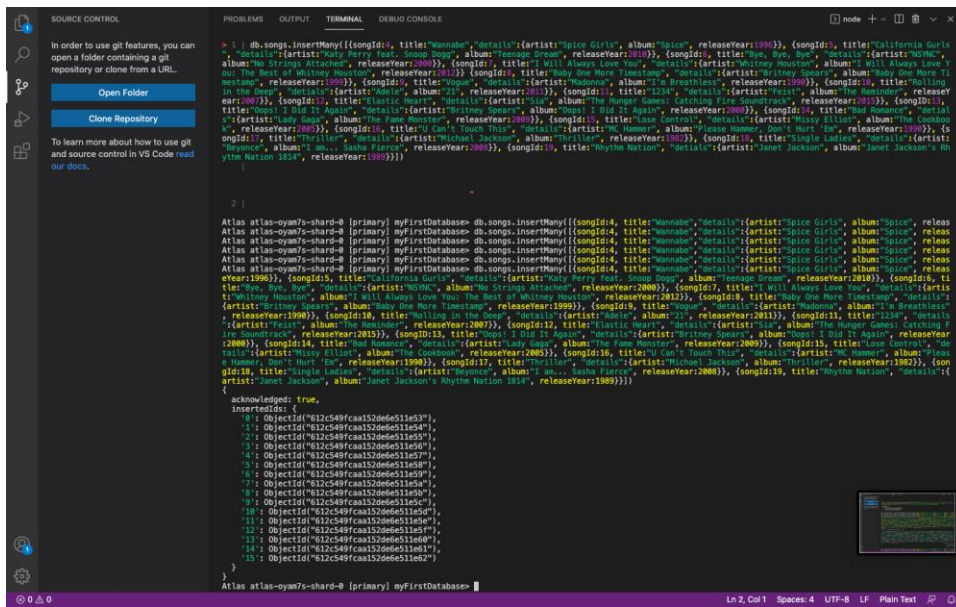
{
  "_id": "ObjectID('6129538c45a998b17132cc1d')",
  "lastName": "Talbot",
  "firstName": "Tom",
  "birthday": "12-30-89",
  "address": "12 Oakland Way",
  "city": "Chandler",
  "position": Object
}

{
  "_id": "ObjectID('612953bf45a998b17132cc1f')",
  "lastName": "Baxter",
  "firstName": "Daisy",
  "birthday": "08-09-82",
  "address": "998 E. 84th St.",
  "city": "Tempe",
  "position": Object
}
```



Part 2





cloud.mongodb.com/v2/611eab387f51c84acd41be81fmetrics/replicaSet/61200ba34739042df9636fdb/explorer/myFirstDatabase/songs/find

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DEPLOYMENT Databases Triggers Data Lake SECURITY Database Access Network Access Advanced

songs

- `_id: ObjectId("612c53aacas152de6e511e590")`
songId: 1
details: Object
songTitle: "Girls Just Want To Have Fun"
artist: "Cyndi Lauper"
- `_id: ObjectId("612c53aacas152de6e511e512")`
songId: 2
details: Object
songTitle: "Hips Don't Lie"
artist: "Shakira feat. Wyclef Jean"
- `_id: ObjectId("612c53aacas152de6e511e512")`
songId: 3
details: Object
songTitle: "Poker Face"
artist: "Lady Gaga"
- `_id: ObjectId("612c549fcaas152de6e511e513")`
songId: 4
details: Object
songTitle: "Nonstop"
artist: "Spice Girls"
- `_id: ObjectId("612c549fcaas152de6e511e54")`
songId: 5
details: Object

cloud.mongodb.com/v2/611eab387f51c84acd41be81fmetrics/replicaSet/61200ba34739042df9636fdb/explorer/myFirstDatabase/songs/find

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DEPLOYMENT Databases Triggers Data Lake SECURITY Database Access Network Access Advanced

songs

- `_id: ObjectId("612c549fcaas152de6e511e54")`
songId: 5
details: Object
songTitle: "California Gurls"
artist: "Katy Perry feat. Snoop Dogg"
- `_id: ObjectId("612c549fcaas152de6e511e55")`
songId: 6
details: Object
songTitle: "Bye, Bye, Bye"
artist: "NSYNC"
- `_id: ObjectId("612c549fcaas152de6e511e56")`
songId: 7
details: Object
songTitle: "I Will Always Love You"
artist: "Whitney Houston"
- `_id: ObjectId("612c549fcaas152de6e511e57")`
songId: 8
details: Object
songTitle: "Baby One More Time"
artist: "Britney Spears"
- `_id: ObjectId("612c549fcaas152de6e511e58")`
songId: 9
details: Object

cloud.mongodb.com/v2/611eab387f51c84acd41be81fmetrics/replicaSet/61200ba34739042df9636fdb/explorer/myFirstDatabase/songs/find

Atlas Realm Charts

Project 0

DEPLOYMENT

Databases

Triggers

Data Lake

SECURITY

Database Access

Network Access

Advanced

_id: ObjectId("612c549fcaa152de6511e58")
songId: 9
details: Object
songTitle: "Vogue"
artist: "Madonna"

_id: ObjectId("612c549fcaa152de6511e59")
songId: 10
details: Object
songTitle: "Rolling in the Deep"
artist: "Adele"

_id: ObjectId("612c549fcaa152de6511e5a")
songId: 11
details: Object
songTitle: "1234"
artist: "Faith"

_id: ObjectId("612c549fcaa152de6511e5b")
songId: 12
details: Object
songTitle: "Classic Heart"
artist: "Sia"

_id: ObjectId("612c549fcaa152de6511e5c")
songId: 13
details: Object

cloud.mongodb.com/v2/611eab387f51c84acd41be81fmetrics/replicaSet/61200ba34739042df9636fdb/explorer/myFirstDatabase/songs/find

Atlas Realm Charts

Project 0

DEPLOYMENT

Databases

Triggers

Data Lake

SECURITY

Database Access

Network Access

Advanced

_id: ObjectId("612c549fcaa152de6511e5c")
songId: 13
details: Object
songTitle: "Oops! I Did It Again"
artist: "Britney Spears"

_id: ObjectId("612c549fcaa152de6511e5d")
songId: 14
details: Object
songTitle: "Bad Romance"
artist: "Lady Gaga"

_id: ObjectId("612c549fcaa152de6511e5e")
songId: 15
details: Object
songTitle: "Love Control"
artist: "Missy Elliot"

_id: ObjectId("612c549fcaa152de6511e5f")
songId: 16
details: Object
songTitle: "U Can't Touch This"
artist: "MC Hammer"

_id: ObjectId("612c549fcaa152de6511e60")
songId: 17
details: Object