1. **Creation of DB**

**Query:**

use lab2

**Screenshot:**

A black background with white text

Description automatically generated

1. **Creation of job\_postings collection**

**Query:**

lab2> db.createCollection('job\_postings');

{ ok: 1 }

**Screenshot:**

A black background with white text

Description automatically generated

1. MongoDB Schema Structure for Job Postings Collection

{

"job\_id": "int64",

"company\_id": "int64",

"title": "string",

"description": "string",

"pay\_period\_x": "string",

"formatted\_work\_type": "string",

"location": "string",

"applies": "float64",

"original\_listed\_time": "float64",

"remote\_allowed": "float64",

"updated\_listed\_time": "float64",

"job\_type": "string",

"experience\_level": "string",

"education\_required": "string",

"created\_at": "float64",

"updated\_at": "float64",

"salary\_id": "int64",

"industry\_id": "int64",

"currency\_x": "string",

"compensation\_type\_x": "string",

"min\_salary": "float64",

"max\_salary": "float64",

"med\_salary": "float64",

"normalized\_company\_name": "string",

"normalized\_job\_title": "string",

"duplicates": "float64",

"benefits": "string", // List in string format

"skills": "string", // List in string format

"pay\_period\_y": "string",

"currency\_y": "string",

"compensation\_type\_y": "string",

"max\_salary": "float64",

"med\_salary": "float64",

"min\_salary": "float64"

}

**3.Document Structure in Job Postings Collection**

{

\_id: ObjectId("655bc5bf4add729159b0687e"),

job\_id: Long("3757934267"),

company\_id: '28352',

title: 'CDL A Delivery Driver',

description: 'Company Description',

max\_salary\_x: 105000,

med\_salary\_x: NaN,

min\_salary\_x: 85000,

pay\_period\_x: 'YEARLY',

formatted\_work\_type: 'Full-time',

location: 'Swedesboro, NJ',

applies: NaN,

original\_listed\_time: 1699080000000,

remote\_allowed: NaN,

views: NaN,

job\_posting\_url: 'https://www.linkedin.com/jobs/view/3757934267/?trk=jobs\_biz\_prem\_srch',

application\_url: 'https://click.appcast.io/track/hw871wj-org?cs=4c&jg=5xqs&bid=q948nGl57dNhZO5Va2AQmA==',

application\_type: 'OffsiteApply',

expiry: 1701670000000,

formatted\_experience\_level: 'Entry level',

listed\_time: 1699080000000,

posting\_domain: 'click.appcast.io',

sponsored: 0,

work\_type: 'FULL\_TIME',

currency\_x: 'USD',

compensation\_type\_x: 'BASE\_SALARY',

scraped: 1699088206,

benefits: "['401(k)']",

skills: "['MGMT', 'MNFC']",

industry\_id: 133,

salary\_id: 12112,

max\_salary\_y: 105000,

med\_salary\_y: NaN,

min\_salary\_y: 85000

}