

[MongoDB Shell Commands]

show dbs

use training

```
db.employee_training_dataset.insertMany({[{
```

```
  "_id": 0,
```

```
  "name": "Ancy",
```

```
  "results": [
```

```
    {
```

```
      "evaluation": "term1",
```

```
      "score": 1.463179736705023
```

```
    },
```

```
    {
```

```
      "evaluation": "term2",
```

```
      "score": 11.78273309957772
```

```
    },
```

```
    {
```

```
      "evaluation": "term3",
```

```
      "score": 6.676176060654615
```

```
    }
```

```
  ]
```

```
}]
```

```
  "_id": 1,
```

```
  "name": "Nancy",
```

```
  "results": [
```

```
    {
```

```
      "evaluation": "term1",
```

```
      "score": 60.06045071030959
```

```
    },  
    {  
      "evaluation": "term2",  
      "score": 52.79790691903873  
    },  
    {  
      "evaluation": "term3",  
      "score": 71.76133439165544  
    }  
  ]  
}, {  
  "_id": 2,  
  "name": "Peter",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 67.03077096065002  
    },  
    {  
      "evaluation": "term2",  
      "score": 6.301851677835235  
    },  
    {  
      "evaluation": "term3",  
      "score": 20.18160621941858  
    }  
  ]  
}
```

```
}{
  "_id": 3,
  "name": "Harry",
  "results": [
    {
      "evaluation": "term1",
      "score": 71.64343899778332
    },
    {
      "evaluation": "term2",
      "score": 24.80221293650313
    },
    {
      "evaluation": "term3",
      "score": 1.694720653897219
    }
  ]
}
```

```
}{
  "_id": 4,
  "name": "Serius",
  "results": [
    {
      "evaluation": "term1",
      "score": 78.68385091304332
    },
    {
      "evaluation": "term2",
```

```
    "score": 90.2963101368042
  },
  {
    "evaluation": "term3",
    "score": 34.41620148042529
  }
]
},{
  "_id": 5,
  "name": "Wilma",
  "results": [
    {
      "evaluation": "term1",
      "score": 44.87186330181261
    },
    {
      "evaluation": "term2",
      "score": 25.72395114668016
    },
    {
      "evaluation": "term3",
      "score": 10.53058536508186
    }
  ]
},{
  "_id": 6,
  "name": "Janice",
```

```
"results": [  
  {  
    "evaluation": "term1",  
    "score": 37.32285459166097  
  },  
  {  
    "evaluation": "term2",  
    "score": 28.32634976913737  
  },  
  {  
    "evaluation": "term3",  
    "score": 16.58341639738951  
  }  
]
```

```
},{  
  "_id": 7,  
  "name": "Monica",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 90.37826509157176  
    },  
    {  
      "evaluation": "term2",  
      "score": 42.48780666956811  
    },  
    {
```

```
    "evaluation": "term3",
    "score": 67.18328596625217
  }
]
},{
  "_id": 8,
  "name": "Rachel",
  "results": [
    {
      "evaluation": "term1",
      "score": 22.13583712862635
    },
    {
      "evaluation": "term2",
      "score": 14.63969941335069
    },
    {
      "evaluation": "term3",
      "score": 75.94123677556644
    }
  ]
},{
  "_id": 9,
  "name": "Sandra",
  "results": [
    {
      "evaluation": "term1",
```

```
    "score": 97.00509953654694
  },
  {
    "evaluation": "term2",
    "score": 97.80449632538915
  },
  {
    "evaluation": "term3",
    "score": 12.47568017314781
  }
]
},{
  "_id": 10,
  "name": "Denial",
  "results": [
    {
      "evaluation": "term1",
      "score": 45.61876862259409
    },
    {
      "evaluation": "term2",
      "score": 98.35723209418343
    },
    {
      "evaluation": "term3",
      "score": 19.31113429145131
    }
  ]
}
```

```
]
}{
  "_id": 11,
  "name": "Marcus",
  "results": [
    {
      "evaluation": "term1",
      "score": 78.42617835651868
    },
    {
      "evaluation": "term2",
      "score": 82.58372817930675
    },
    {
      "evaluation": "term3",
      "score": 87.49924733328717
    }
  ]
}{
  "_id": 12,
  "name": "Leia",
  "results": [
    {
      "evaluation": "term1",
      "score": 54.29841278520669
    },
    {
```



```
      "evaluation": "term2",
      "score": 85.61270164694737
    },
    {
      "evaluation": "term3",
      "score": 14.78936520432093
    }
  ]
},{
  "_id": 13,
  "name": "Dagenais",
  "results": [
    {
      "evaluation": "term1",
      "score": 90.47179954427436
    },
    {
      "evaluation": "term2",
      "score": 90.3001402468489
    },
    {
      "evaluation": "term3",
      "score": 95.17753772405909
    }
  ]
},{
  "_id": 14,
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```
"name": "Sherrill",
"results": [
  {
    "evaluation": "term1",
    "score": 25.15924151998215
  },
  {
    "evaluation": "term2",
    "score": 68.64484047692098
  },
  {
    "evaluation": "term3",
    "score": 13.66179556675781
  }
]
```

```
},{
  "_id": 15,
  "name": "Mercury",
  "results": [
    {
      "evaluation": "term1",
      "score": 69.1565022533158
    },
    {
      "evaluation": "term2",
      "score": 3.311794422000724
    },
  ],
}
```

```
{
  "evaluation": "term3",
  "score": 45.03178973642521
}
]
},{
  "_id": 16,
  "name": "Dogie",
  "results": [
    {
      "evaluation": "term1",
      "score": 7.772386442858281
    },
    {
      "evaluation": "term2",
      "score": 31.84300235104542
    },
    {
      "evaluation": "term3",
      "score": 80.52136407989194
    }
  ]
},{
  "_id": 17,
  "name": "Mcconnell",
  "results": [
    {
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```
"evaluation": "term1",
"score": 39.41011069729274
},
{
"evaluation": "term2",
"score": 81.13270307809924
},
{
"evaluation": "term3",
"score": 31.15090466987088
}
]
},{
"_id": 18,
"name": "Sworoski",
"results": [
{
"evaluation": "term1",
"score": 62.12870233109035
},
{
"evaluation": "term2",
"score": 84.74586220889356
},
{
"evaluation": "term3",
"score": 81.58947824932574
}
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```
}
]
}{
  "_id": 19,
  "name": "Levis",
  "results": [
    {
      "evaluation": "term1",
      "score": 44.51211101958831
    },
    {
      "evaluation": "term2",
      "score": 0.6578497966368002
    },
    {
      "evaluation": "term3",
      "score": 93.36341655949683
    }
  ]
}{
  "_id": 20,
  "name": "Trena",
  "results": [
    {
      "evaluation": "term1",
      "score": 42.17439799514388
    },
    {
```

```
{
  "evaluation": "term2",
  "score": 71.99314840599558
},
{
  "evaluation": "term3",
  "score": 81.23972632069464
}
]
},{
  "_id": 21,
  "name": "Rose",
  "results": [
    {
      "evaluation": "term1",
      "score": 46.2289476258328
    },
    {
      "evaluation": "term2",
      "score": 98.34164225207036
    },
    {
      "evaluation": "term3",
      "score": 11.61342324347139
    }
  ]
},
{
```

```
"_id": 22,  
"name": "Margarette",  
"results": [  
  {  
    "evaluation": "term1",  
    "score": 75.04996547553947  
  },  
  {  
    "evaluation": "term2",  
    "score": 10.23046475899236  
  },  
  {  
    "evaluation": "term3",  
    "score": 96.72520512117761  
  }  
]  
},
```

```
{  
  "_id": 23,  
  "name": "Tanamika",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 45.65432764125526  
    },  
    {  
      "evaluation": "term2",  
      "score": 64.32927049658846  
    }  
  ]  
}
```

```
    },  
    {  
      "evaluation": "term3",  
      "score": 83.53933351660562  
    }  
  ]  
}, {  
  "_id": 24,  
  "name": "Joshua",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 86.0319702155683  
    },  
    {  
      "evaluation": "term2",  
      "score": 1.967495200433389  
    },  
    {  
      "evaluation": "term3",  
      "score": 61.10861071547914  
    }  
  ]  
}, {  
  "_id": 25,  
  "name": "Minty",  
  "results": [  

```



```
{
  "evaluation": "term1",
  "score": 74.75289335591543
},
{
  "evaluation": "term2",
  "score": 38.5413647805495
},
{
  "evaluation": "term3",
  "score": 35.2554340953413
}
]
```

```
},{
  "_id": 26,
  "name": "Jon",
  "results": [
    {
      "evaluation": "term1",
      "score": 19.17861192576963
    },
    {
      "evaluation": "term2",
      "score": 76.3890359749654
    },
    {
      "evaluation": "term3",
```

```
    "score": 44.39605672647002
  }
]
},{
  "_id": 27,
  "name": "Edward",
  "results": [
    {
      "evaluation": "term1",
      "score": 8.606983261043888
    },
    {
      "evaluation": "term2",
      "score": 58.71180464203724
    },
    {
      "evaluation": "term3",
      "score": 15.33726210596508
    }
  ]
},{
  "_id": 28,
  "name": "Laura",
  "results": [
    {
      "evaluation": "term1",
      "score": 3.677565278992456
```

```
},
{
  "evaluation": "term2",
  "score": 7.119462599229987
},
{
  "evaluation": "term3",
  "score": 82.87308922617427
}
]
},{
  "_id": 29,
  "name": "Gwyneth",
  "results": [
    {
      "evaluation": "term1",
      "score": 48.36644963899371
    },
    {
      "evaluation": "term2",
      "score": 10.37827022865908
    },
    {
      "evaluation": "term3",
      "score": 22.00937866160616
    }
  ]
}
```

```
}{
  "_id": 30,
  "name": "Diva",
  "results": [
    {
      "evaluation": "term1",
      "score": 15.89771199662455
    },
    {
      "evaluation": "term2",
      "score": 56.93965183412178
    },
    {
      "evaluation": "term3",
      "score": 66.64493295066322
    }
  ]
}
```

```
}{
  "_id": 31,
  "name": "Tandra",
  "results": [
    {
      "evaluation": "term1",
      "score": 24.90138146001744
    },
    {
      "evaluation": "term2",
```

```
    "score": 28.8266541837344
  },
  {
    "evaluation": "term3",
    "score": 13.53683769386709
  }
]
},{
  "_id": 32,
  "name": "Melody",
  "results": [
    {
      "evaluation": "term1",
      "score": 87.14345376886205
    },
    {
      "evaluation": "term2",
      "score": 99.45824441135635
    },
    {
      "evaluation": "term3",
      "score": 35.3788193463544
    }
  ]
},{
  "_id": 33,
  "name": "Saddle",
```

```
"results": [  
  {  
    "evaluation": "term1",  
    "score": 73.15861249943812  
  },  
  {  
    "evaluation": "term2",  
    "score": 2.987718065941702  
  },  
  {  
    "evaluation": "term3",  
    "score": 51.81946118482261  
  }  
]
```

```
},{  
  "_id": 34,  
  "name": "Carlo",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 7.112266875518214  
    },  
    {  
      "evaluation": "term2",  
      "score": 67.734668378287  
    },  
    {
```

```
    "evaluation": "term3",
    "score": 32.25008698445316
  }
]
},{
  "_id": 35,
  "name": "Isabelle",
  "results": [
    {
      "evaluation": "term1",
      "score": 27.22049103148209
    },
    {
      "evaluation": "term2",
      "score": 31.28760039265919
    },
    {
      "evaluation": "term3",
      "score": 29.18912718046906
    }
  ]
},{
  "_id": 36,
  "name": "lakey",
  "results": [
    {
      "evaluation": "term1",
```

```
    "score": 73.055900093666
  },
  {
    "evaluation": "term2",
    "score": 79.85621560462026
  },
  {
    "evaluation": "term3",
    "score": 66.09143669040472
  }
]
},{
  "_id": 37,
  "name": "Megan",
  "results": [
    {
      "evaluation": "term1",
      "score": 86.06759716616264
    },
    {
      "evaluation": "term2",
      "score": 79.45097452834857
    },
    {
      "evaluation": "term3",
      "score": 28.41090281547689
    }
  ]
}
```



```
]
}{
  "_id": 38,
  "name": "Richi",
  "results": [
    {
      "evaluation": "term1",
      "score": 34.64373397163318
    },
    {
      "evaluation": "term2",
      "score": 91.46799649446983
    },
    {
      "evaluation": "term3",
      "score": 31.74461197651704
    }
  ]
}{
  "_id": 39,
  "name": "Marie",
  "results": [
    {
      "evaluation": "term1",
      "score": 0.04381116979284005
    },
    {
```

```
      "evaluation": "term2",
      "score": 90.25774974259562
    },
    {
      "evaluation": "term3",
      "score": 65.88612319625227
    }
  ]
}, {
  "_id": 40,
  "name": "Amanda",
  "results": [
    {
      "evaluation": "term1",
      "score": 84.53009035375172
    },
    {
      "evaluation": "term2",
      "score": 25.25568126160764
    },
    {
      "evaluation": "term3",
      "score": 38.61623256739443
    }
  ]
}, {
  "_id": 41,
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```
"name": "Aleida",
"results": [
  {
    "evaluation": "term1",
    "score": 28.02518041693717
  },
  {
    "evaluation": "term2",
    "score": 95.25243105389065
  },
  {
    "evaluation": "term3",
    "score": 68.05980405338909
  }
]
```

```
},{
  "_id": 42,
  "name": "Kanye",
  "results": [
    {
      "evaluation": "term1",
      "score": 44.62441703708117
    },
    {
      "evaluation": "term2",
      "score": 27.38208798553111
    },
  ],
}
```

```
{
  "evaluation": "term3",
  "score": 97.43587143437509
}
]
},{
  "_id": 43,
  "name": "Ernestine",
  "results": [
    {
      "evaluation": "term1",
      "score": 15.29147856258362
    },
    {
      "evaluation": "term2",
      "score": 78.40698797039501
    },
    {
      "evaluation": "term3",
      "score": 31.03031764716336
    }
  ]
},{
  "_id": 44,
  "name": "Houston",
  "results": [
    {
```

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"evaluation": "term1",
"score": 98.06441387027331
},
{
"evaluation": "term2",
"score": 0.8760893342659504
},
{
"evaluation": "term3",
"score": 15.2177618920215
}
]
},{
"_id": 45,
"name": "Bugger",
"results": [
{
"evaluation": "term1",
"score": 42.1011312120801
},
{
"evaluation": "term2",
"score": 41.73654145887228
},
{
"evaluation": "term3",
"score": 13.3625292343721
```

```
}
]
}{
  "_id": 46,
  "name": "Efevers",
  "results": [
    {
      "evaluation": "term1",
      "score": 16.89237820123443
    },
    {
      "evaluation": "term2",
      "score": 65.97505910406456
    },
    {
      "evaluation": "term3",
      "score": 48.42527123437286
    }
  ]
}{
  "_id": 47,
  "name": "Kurtis",
  "results": [
    {
      "evaluation": "term1",
      "score": 92.96916908741805
    },
    {
```

```
{
  "evaluation": "term2",
  "score": 22.86854192921203
},
{
  "evaluation": "term3",
  "score": 12.10418920555013
}
]
},{
  "_id": 48,
  "name": "Barbera",
  "results": [
    {
      "evaluation": "term1",
      "score": 35.43490750932609
    },
    {
      "evaluation": "term2",
      "score": 97.42074160188449
    },
    {
      "evaluation": "term3",
      "score": 64.33897612104403
    }
  ]
},
{
```

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"_id": 49,  
"name": "Dinasauve",  
"results": [  
  {  
    "evaluation": "term1",  
    "score": 96.64807532447064  
  },  
  {  
    "evaluation": "term2",  
    "score": 14.56470882270576  
  },  
  {  
    "evaluation": "term3",  
    "score": 72.00519420743191  
  }  
]
```

```
},{
```

```
"_id": 50,  
"name": "Alice",  
"results": [  
  {  
    "evaluation": "term1",  
    "score": 19.38544736721771  
  },  
  {  
    "evaluation": "term2",  
    "score": 88.70752686639557
```



```
    },  
    {  
      "evaluation": "term3",  
      "score": 60.62755218680213  
    }  
  ]  
}, {  
  "_id": 51,  
  "name": "Elizabeth",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 86.81245449846962  
    },  
    {  
      "evaluation": "term2",  
      "score": 36.196443334522  
    },  
    {  
      "evaluation": "term3",  
      "score": 77.94001750905642  
    }  
  ]  
}, {  
  "_id": 52,  
  "name": "Tana",  
  "results": [  

```

```
{
  "evaluation": "term1",
  "score": 80.59006098671075
},
{
  "evaluation": "term2",
  "score": 93.28438118988183
},
{
  "evaluation": "term3",
  "score": 93.12134003887978
}
]
},{
  "_id": 53,
  "name": "Malissa",
  "results": [
    {
      "evaluation": "term1",
      "score": 33.44580005842922
    },
    {
      "evaluation": "term2",
      "score": 7.172746439960975
    },
    {
      "evaluation": "term3",
```

```
    "score": 80.53328849494751
  }
]
},{
  "_id": 54,
  "name": "Joel",
  "results": [
    {
      "evaluation": "term1",
      "score": 87.53636893952853
    },
    {
      "evaluation": "term2",
      "score": 92.70974674256513
    },
    {
      "evaluation": "term3",
      "score": 61.79032586247813
    }
  ]
},{
  "_id": 55,
  "name": "Teresa",
  "results": [
    {
      "evaluation": "term1",
      "score": 94.93136959210354
```

```
},
{
  "evaluation": "term2",
  "score": 72.32226123565266
},
{
  "evaluation": "term3",
  "score": 4.988845385625684
}
]
},{
  "_id": 56,
  "name": "Dalia",
  "results": [
    {
      "evaluation": "term1",
      "score": 21.54531707142236
    },
    {
      "evaluation": "term2",
      "score": 41.75962115078149
    },
    {
      "evaluation": "term3",
      "score": 4.923819407716035
    }
  ]
}
```

```
} {
  "_id": 57,
  "name": "Chadd",
  "results": [
    {
      "evaluation": "term1",
      "score": 40.84572027366789
    },
    {
      "evaluation": "term2",
      "score": 29.22733629679561
    },
    {
      "evaluation": "term3",
      "score": 93.12112348179406
    }
  ]
}
```

```
} {
  "_id": 58,
  "name": "Joquina",
  "results": [
    {
      "evaluation": "term1",
      "score": 28.66671659815553
    },
    {
      "evaluation": "term2",
```

```
    "score": 40.48858382583742
  },
  {
    "evaluation": "term3",
    "score": 51.51393116681172
  }
]
},{
  "_id": 59,
  "name": "Vinni",
  "results": [
    {
      "evaluation": "term1",
      "score": 95.45508256300009
    },
    {
      "evaluation": "term2",
      "score": 7.512188017365151
    },
    {
      "evaluation": "term3",
      "score": 28.5905754294006
    }
  ]
},{
  "_id": 60,
  "name": "Dustila",
```

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"results": [  
  {  
    "evaluation": "term1",  
    "score": 17.27725327681863  
  },  
  {  
    "evaluation": "term2",  
    "score": 83.24439414725833  
  },  
  {  
    "evaluation": "term3",  
    "score": 81.84258722611811  
  }  
]
```

```
},{  
  "_id": 61,  
  "name": "Grady",  
  "results": [  
    {  
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      "score": 51.91561300267121  
    },  
    {  
      "evaluation": "term2",  
      "score": 50.08349374829509  
    },  
    {
```

```
      "evaluation": "term3",
      "score": 95.34139273570386
    }
  ]
}, {
  "_id": 62,
  "name": "Vina",
  "results": [
    {
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      "score": 51.38190070034149
    },
    {
      "evaluation": "term2",
      "score": 34.63479282877322
    },
    {
      "evaluation": "term3",
      "score": 46.27059093183421
    }
  ]
}, {
  "_id": 63,
  "name": "Rubie",
  "results": [
    {
      "evaluation": "term1",
```



```
    "score": 7.176062073558509
  },
  {
    "evaluation": "term2",
    "score": 46.32426882511162
  },
  {
    "evaluation": "term3",
    "score": 19.24312817599633
  }
]
},{
  "_id": 64,
  "name": "Whitley",
  "results": [
    {
      "evaluation": "term1",
      "score": 89.61845831842888
    },
    {
      "evaluation": "term2",
      "score": 82.44879156010508
    },
    {
      "evaluation": "term3",
      "score": 92.2308421188758
    }
  ]
}
```

```
]
}{
  "_id": 65,
  "name": "Rico",
  "results": [
    {
      "evaluation": "term1",
      "score": 67.58395308948619
    },
    {
      "evaluation": "term2",
      "score": 67.2413500951588
    },
    {
      "evaluation": "term3",
      "score": 42.93471779899529
    }
  ]
}
```

```
{
  "_id": 66,
  "name": "Xu",
  "results": [
    {
      "evaluation": "term1",
      "score": 19.96531774799065
    },
    {

```

```
"evaluation": "term2",
"score": 17.52966217224916
},
{
  "evaluation": "term3",
  "score": 49.42403230686458
}
]
},{
  "_id": 67,
  "name": "Mann",
  "results": [
    {
      "evaluation": "term1",
      "score": 75.1949733626123
    },
    {
      "evaluation": "term2",
      "score": 52.56522605123723
    },
    {
      "evaluation": "term3",
      "score": 83.8722548112793
    }
  ]
},{
  "_id": 68,
```

```
"name": "Guffie",
"results": [
  {
    "evaluation": "term1",
    "score": 40.15210496060384
  },
  {
    "evaluation": "term2",
    "score": 90.60219950183566
  },
  {
    "evaluation": "term3",
    "score": 23.21791929422224
  }
]
},{
  "_id": 69,
  "name": "Cody",
  "results": [
    {
      "evaluation": "term1",
      "score": 4.784730508547719
    },
    {
      "evaluation": "term2",
      "score": 99.80348240553108
    },
  ],
}
```

```
{
  "evaluation": "term3",
  "score": 25.57926736852058
}
]
},{
  "_id": 70,
  "name": "Harriett",
  "results": [
    {
      "evaluation": "term1",
      "score": 33.7733570443736
    },
    {
      "evaluation": "term2",
      "score": 96.05228578589255
    },
    {
      "evaluation": "term3",
      "score": 46.24926696413032
    }
  ]
},{
  "_id": 71,
  "name": "Kam",
  "results": [
    {
```

```
"evaluation": "term1",
"score": 81.56497719010976
},
{
"evaluation": "term2",
"score": 5.247410853581524
},
{
"evaluation": "term3",
"score": 92.10078400854972
}
]
},{
"_id": 72,
"name": "Leonida",
"results": [
{
"evaluation": "term1",
"score": 92.10605086888438
},
{
"evaluation": "term2",
"score": 32.66022211621239
},
{
"evaluation": "term3",
"score": 38.22914395140913
}
```

```
}
]
}{
  "_id": 73,
  "name": "Devorah",
  "results": [
    {
      "evaluation": "term1",
      "score": 69.60160495436016
    },
    {
      "evaluation": "term2",
      "score": 6.931507591998553
    },
    {
      "evaluation": "term3",
      "score": 55.66005349294464
    }
  ]
}{
  "_id": 74,
  "name": "Leola",
  "results": [
    {
      "evaluation": "term1",
      "score": 31.62936464207764
    },
    {
```

```
{
  "evaluation": "term2",
  "score": 91.28658941188532
},
{
  "evaluation": "term3",
  "score": 23.95163257932222
}
]
},{
  "_id": 75,
  "name": "Tonia",
  "results": [
    {
      "evaluation": "term1",
      "score": 80.93655069496523
    },
    {
      "evaluation": "term2",
      "score": 79.54620208144452
    },
    {
      "evaluation": "term3",
      "score": 27.51843538237827
    }
  ]
},
{
```



```
"_id": 76,  
"name": "Adrien",  
"results": [  
  {  
    "evaluation": "term1",  
    "score": 57.24794864351232  
  },  
  {  
    "evaluation": "term2",  
    "score": 19.5118228072558  
  },  
  {  
    "evaluation": "term3",  
    "score": 59.50508603413107  
  }  
]  
},
```

```
{  
  "_id": 77,  
  "name": "Efrain",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 55.41266579085205  
    },  
    {  
      "evaluation": "term2",  
      "score": 31.30359328252952  
    }  
  ]  
}
```

```
    },  
    {  
      "evaluation": "term3",  
      "score": 82.03870199947903  
    }  
  ]  
}, {  
  "_id": 78,  
  "name": "Len",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 21.21850173315791  
    },  
    {  
      "evaluation": "term2",  
      "score": 13.2282768150266  
    },  
    {  
      "evaluation": "term3",  
      "score": 16.68695227176766  
    }  
  ]  
}, {  
  "_id": 79,  
  "name": "Mariela",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 10.000000000000001  
    },  
    {  
      "evaluation": "term2",  
      "score": 10.000000000000001  
    },  
    {  
      "evaluation": "term3",  
      "score": 10.000000000000001  
    }  
  ]  
}
```

```
{
  "evaluation": "term1",
  "score": 61.20158144877323
},
{
  "evaluation": "term2",
  "score": 52.75657259917104
},
{
  "evaluation": "term3",
  "score": 63.95107452142731
}
]
},{
  "_id": 80,
  "name": "Echo",
  "results": [
    {
      "evaluation": "term1",
      "score": 27.77924608896123
    },
    {
      "evaluation": "term2",
      "score": 85.1861976198818
    },
    {
      "evaluation": "term3",
```

```
    "score": 75.62132497619177
  }
]
},{
  "_id": 81,
  "name": "Weigel",
  "results": [
    {
      "evaluation": "term1",
      "score": 66.0349256424749
    },
    {
      "evaluation": "term2",
      "score": 67.57096025532985
    },
    {
      "evaluation": "term3",
      "score": 28.82283586295377
    }
  ]
},{
  "_id": 82,
  "name": "Santiago",
  "results": [
    {
      "evaluation": "term1",
      "score": 33.48242310776701
```

```
},
{
  "evaluation": "term2",
  "score": 60.49199094204558
},
{
  "evaluation": "term3",
  "score": 75.58039801610906
}
]
},{
  "_id": 83,
  "name": "Tonisha",
  "results": [
    {
      "evaluation": "term1",
      "score": 29.13833807032966
    },
    {
      "evaluation": "term2",
      "score": 35.25054111123917
    },
    {
      "evaluation": "term3",
      "score": 66.73047056293319
    }
  ]
}
```

```
} {
  "_id": 84,
  "name": "Timothy",
  "results": [
    {
      "evaluation": "term1",
      "score": 93.23020013495737
    },
    {
      "evaluation": "term2",
      "score": 49.06010347848443
    },
    {
      "evaluation": "term3",
      "score": 74.00788699415295
    }
  ]
}
```

```
} {
  "_id": 85,
  "name": "Rae",
  "results": [
    {
      "evaluation": "term1",
      "score": 63.86894250781692
    },
    {
      "evaluation": "term2",
```

```
"score": 55.81549538273672
},
{
  "evaluation": "term3",
  "score": 59.13566011309437
}
]
},{
  "_id": 86,
  "name": "Pelle",
  "results": [
    {
      "evaluation": "term1",
      "score": 2.013473187690951
    },
    {
      "evaluation": "term2",
      "score": 45.01802394825918
    },
    {
      "evaluation": "term3",
      "score": 63.74658824265818
    }
  ]
},{
  "_id": 87,
  "name": "Sabella",
```

```
"results": [  
  {  
    "evaluation": "term1",  
    "score": 21.05570509531929  
  },  
  {  
    "evaluation": "term2",  
    "score": 26.43387483146958  
  },  
  {  
    "evaluation": "term3",  
    "score": 18.96368757115227  
  }  
]
```

```
},{  
  "_id": 88,  
  "name": "Keesha",  
  "results": [  
    {  
      "evaluation": "term1",  
      "score": 82.35397321850031  
    },  
    {  
      "evaluation": "term2",  
      "score": 3.064361273717464  
    },  
    {
```



```
      "evaluation": "term3",
      "score": 98.46867828216399
    }
  ]
},{
  "_id": 89,
  "name": "Cassi",
  "results": [
    {
      "evaluation": "term1",
      "score": 43.04310994985133
    },
    {
      "evaluation": "term2",
      "score": 0.006247360551892012
    },
    {
      "evaluation": "term3",
      "score": 63.88558436723092
    }
  ]
},{
  "_id": 90,
  "name": "Hirt",
  "results": [
    {
      "evaluation": "term1",
```

```
    "score": 67.44931456608883
  },
  {
    "evaluation": "term2",
    "score": 41.77986504201782
  },
  {
    "evaluation": "term3",
    "score": 76.30879472084027
  }
]
},{
  "_id": 91,
  "name": "Barbie",
  "results": [
    {
      "evaluation": "term1",
      "score": 38.43781607953586
    },
    {
      "evaluation": "term2",
      "score": 95.70340794272111
    },
    {
      "evaluation": "term3",
      "score": 72.80272364761178
    }
  ]
}
```

```
]
}{
  "_id": 92,
  "name": "Sikorski",
  "results": [
    {
      "evaluation": "term1",
      "score": 30.02140506101446
    },
    {
      "evaluation": "term2",
      "score": 23.89164976236439
    },
    {
      "evaluation": "term3",
      "score": 31.70116444848026
    }
  ]
}
```

```
{
  "_id": 93,
  "name": "Vanderburg",
  "results": [
    {
      "evaluation": "term1",
      "score": 27.55843343656866
    },
    {
```

```
    "evaluation": "term2",
    "score": 11.45699271327768
  },
  {
    "evaluation": "term3",
    "score": 75.53546873615787
  }
]
},{
  "_id": 94,
  "name": "Darby",
  "results": [
    {
      "evaluation": "term1",
      "score": 6.867644836612586
    },
    {
      "evaluation": "term2",
      "score": 63.4908039680606
    },
    {
      "evaluation": "term3",
      "score": 85.41865347441522
    }
  ]
},{
  "_id": 95,
```

```
"name": "Omar",
"results": [
  {
    "evaluation": "term1",
    "score": 8.58858127638702
  },
  {
    "evaluation": "term2",
    "score": 88.40377630359677
  },
  {
    "evaluation": "term3",
    "score": 25.71387474240768
  }
]
```

```
},{
  "_id": 96,
  "name": "Milan",
  "results": [
    {
      "evaluation": "term1",
      "score": 69.11554341921843
    },
    {
      "evaluation": "term2",
      "score": 10.2027724707151
    },
  ],
}
```

```
{
  "evaluation": "term3",
  "score": 2.815944526266023
}
]
},{
  "_id": 97,
  "name": "Maren",
  "results": [
    {
      "evaluation": "term1",
      "score": 94.4329121733663
    },
    {
      "evaluation": "term2",
      "score": 77.28263690107663
    },
    {
      "evaluation": "term3",
      "score": 6.872536184428357
    }
  ]
},{
  "_id": 98,
  "name": "Carli",
  "results": [
    {
```

```
"evaluation": "term1",
"score": 88.18040268522668
},
{
"evaluation": "term2",
"score": 60.3111085581054
},
{
"evaluation": "term3",
"score": 10.27537091986367
}
]
},{
"_id": 99,
"name": "Jaclyn",
"results": [
{
"evaluation": "term1",
"score": 70.27627082122453
},
{
"evaluation": "term2",
"score": 56.78470387064279
},
{
"evaluation": "term3",
"score": 21.74758014553796
}
```

```
}
]
}{
  "_id": 100,
  "name": "Demarcus",
  "results": [
    {
      "evaluation": "term1",
      "score": 47.42608580155614
    },
    {
      "evaluation": "term2",
      "score": 44.83416623719906
    },
    {
      "evaluation": "term3",
      "score": 19.85604968544429
    }
  ]
}{
  "_id": 101,
  "name": "Tania",
  "results": [
    {
      "evaluation": "term1",
      "score": 21.84617015735916
    },
    {
```



```
{
  "evaluation": "term2",
  "score": 53.8568257735492
},
{
  "evaluation": "term3",
  "score": 14.77762216150431
}
]
},{
  "_id": 102,
  "name": "Garduno",
  "results": [
    {
      "evaluation": "term1",
      "score": 49.52877007656483
    },
    {
      "evaluation": "term2",
      "score": 44.55505066212384
    },
    {
      "evaluation": "term3",
      "score": 12.14582444697345
    }
  ]
},
{
```

```
"_id": 103,  
"name": "Fleta",  
"results": [  
  {  
    "evaluation": "term1",  
    "score": 84.37799696030743  
  },  
  {  
    "evaluation": "term2",  
    "score": 15.95792143439528  
  },  
  {  
    "evaluation": "term3",  
    "score": 77.80745176713172  
  }  
]
```

```
},{
```

```
"_id": 104,  
"name": "Brittni",  
"results": [  
  {  
    "evaluation": "term1",  
    "score": 69.54399888097534  
  },  
  {  
    "evaluation": "term2",  
    "score": 82.00469934215849
```

```
},
{
  "evaluation": "term3",
  "score": 27.31675193678847
}
]
},{
  "_id": 105,
  "name": "Shin",
  "results": [
    {
      "evaluation": "term1",
      "score": 62.28388941877533
    },
    {
      "evaluation": "term2",
      "score": 85.26863799439475
    },
    {
      "evaluation": "term3",
      "score": 88.9947941542333
    }
  ]
},{
  "_id": 106,
  "name": "Karry",
  "results": [
```

```
{
  "evaluation": "term1",
  "score": 3.677125771067413
},
{
  "evaluation": "term2",
  "score": 40.39799056667404
},
{
  "evaluation": "term3",
  "score": 14.38347127905983
}
]
},{
  "_id": 107,
  "name": "Beckie",
  "results": [
    {
      "evaluation": "term1",
      "score": 69.52419218194589
    },
    {
      "evaluation": "term2",
      "score": 24.85411404016219
    },
    {
      "evaluation": "term3",
```

```
    "score": 34.92039455520659
  }
]
},{
  "_id": 108,
  "name": "Mikaela",
  "results": [
    {
      "evaluation": "term1",
      "score": 63.75595052560389
    },
    {
      "evaluation": "term2",
      "score": 59.52298111997963
    },
    {
      "evaluation": "term3",
      "score": 88.66481441499843
    }
  ]
},{
  "_id": 109,
  "name": "Flora",
  "results": [
    {
      "evaluation": "term1",
      "score": 40.68238966626067
```

```
},
{
  "evaluation": "term2",
  "score": 46.77972040308903
},
{
  "evaluation": "term3",
  "score": 65.90098502289938
}
]
},{
  "_id": 110,
  "name": "Linzey",
  "results": [
    {
      "evaluation": "term1",
      "score": 67.40792606687442
    },
    {
      "evaluation": "term2",
      "score": 58.58331128403415
    },
    {
      "evaluation": "term3",
      "score": 47.44831568815929
    }
  ]
}
```

```
}{
  "_id": 111,
  "name": "Gennie",
  "results": [
    {
      "evaluation": "term1",
      "score": 62.74309964110307
    },
    {
      "evaluation": "term2",
      "score": 92.18013849235186
    },
    {
      "evaluation": "term3",
      "score": 34.50565589246531
    }
  ]
}
```

```
}{
  "_id": 112,
  "name": "Myrtle",
  "results": [
    {
      "evaluation": "term1",
      "score": 73.93895528856032
    },
    {
      "evaluation": "term2",
```

```
"score": 35.99397009906073
},
{
  "evaluation": "term3",
  "score": 93.85826506506328
}
]
},{
  "_id": 113,
  "name": "Martha",
  "results": [
    {
      "evaluation": "term1",
      "score": 77.57315913088024
    },
    {
      "evaluation": "term2",
      "score": 13.28135073340091
    },
    {
      "evaluation": "term3",
      "score": 67.27527802263116
    }
  ]
})
```



```
mongoimport --db training --collection employee_training_dataset --type=csv --headerline --file='/home/user/workspace/employee_training_dataset.csv'
```

```
mongoimport -d training -c csv_insert_test --type csv --file '/home/user/workspace/employee_training_dataset.csv' --headerline
```

Task 1

- `var term1Fail = db.employee_training_dataset.find({"results":{"$elemMatch":{"evaluation":"term1","score":{"$lt:37}}}})`
- Answer: 39

- `var total = db.employee_training_dataset.count()`
- Answer: 114

- `(term1Fail*100/total)`
- Answer: 34.21052631578947

Task 2

- `db.employee_training_dataset.aggregate([
 {$unwind: "$results"},
 {$group:{"_id":"name","aggregate":{"$avg":"$results.score"}}},
 {$match:{"aggregate":{"$lt:37}}}
])`

Task 3

- `db.employee_training_dataset.find([
 {$project:{"results":{"$arrayElemAt":["results",0]},_id:0}},
 {$group:{"_id":"results.score","term1_avegareScore":{"$avg":"$results.score"},"count":{"$sum:1}}}
])`

- Answer: { "_id": "results.score", "term1_avegareScore": 51.55520892536331, "count": 114 }

Task 4

- `db.employee_training_dataset.aggregate([
 {$unwind: "results"},
 {$group: { "_id": "", "aggregate_averageScore": {$avg: "$results.score"}}}
])`
- Answer: { "_id": "", "aggregate_averageScore": 58.565235476888525 }

Task 5

- `db.employee_training_dataset.find({$and:[
 {"results":{$elemMatch:{"evaluation":"term1","score":{$lt:37}}}},
 {"results":{$elemMatch:{"evaluation":"term2","score":{$lt:37}}}},
 {"results":{$elemMatch:{"evaluation":"term3","score":{$lt:37}}}}
])).count()`
- Answer: 6

Task 6

- `db.employee_training_dataset.find({"results.score":{$lt:37}}).count()`
- Answer: 91