use job\_database

# Commonly available skills:

db["resume\_data"].aggregate([

{$project:{"skills":"$skills"}},

{$unwind : "$skills"},

{$group : {"\_id":'$skills', 'count':{$sum:1}}},

{$sort : {count:-1}},

{$out: "top\_skills"}

])

# Common Languages

db["resume\_data"].aggregate([

{$project:{"languages":"$languages"}},

{$unwind:"$languages"},

{$group:{"\_id":"$languages.languages", "count":{$sum:1}}},

{$sort:{"count":-1}},

{$out:"top\_lang"}

])

# Proficiency Level of English

db["resume\_data"].aggregate([

{$project:{"languages":"$languages"}},

{$unwind:"$languages"},

{$match:{"languages.languages":"English"}},

{$group:{"\_id":"$languages.proficiency\_levels", "count":{$sum:1}}},

{$sort:{"count":-1}},

{$out:"english\_prof"}

])

# Popular field of study

db.resume\_data.aggregate([

{$project:{"education":"$education"}},

{$unwind:"$education"},

{$group : {"\_id":"$education.major\_field\_of\_studies", "count":{$sum:1}}},

{$sort:{"count":-1}},

{$match:{"\_id":{$ne:"N/A", $ne:null}}},

{$out:"education"}

])

# Distribution of degrees

db.resume\_data.aggregate([

{ $unwind: "$education" },

{ $group: { \_id: "$education.degree\_names", count: { $sum: 1 } } },

{ $sort: { count: -1 } },

{ $out: "degree"}

])