// MongoDB Collection for Football Team

db.createCollection("footballTeam", {

validator: {

$jsonSchema: {

bsonType: "object",

required: ["name", "position", "rushingYards", "touchdownsThrown", "sacks", "fieldGoalsMade", "fieldGoalsMissed", "catches"],

properties: {

name: { bsonType: "string" },

position: { bsonType: "string" },

rushingYards: { bsonType: "int" },

touchdownsThrown: { bsonType: "int" },

sacks: { bsonType: "int" },

fieldGoalsMade: { bsonType: "int" },

fieldGoalsMissed: { bsonType: "int" },

catches: { bsonType: "int" }

}

}

}

});

// Inserting sample data for MongoDB Miners

db.footballTeam.insertMany([

{ name: "Player1", position: "QB", rushingYards: 300, touchdownsThrown: 25, sacks: 10, fieldGoalsMade: 15, fieldGoalsMissed: 3, catches: 40 },

// ... (insert data for 15 players)

]);

// Query 1: Player with the most touchdown passes

db.footballTeam.find().sort({ touchdownsThrown: -1 }).limit(1);

// Query 2: Player with the most rushing yards

db.footballTeam.find().sort({ rushingYards: -1 }).limit(1);

// Query 3: Player with the least rushing yards

db.footballTeam.find().sort({ rushingYards: 1 }).limit(1);

// Query 4: List of players sorted from most to fewest field goals made

db.footballTeam.find().sort({ fieldGoalsMade: -1 });

// Query 5: Player with the most number of sacks

db.footballTeam.find().sort({ sacks: -1 }).limit(1);