# **Connect MongoDB database to Express server**

**Step 1:**

npm i express

**Step 2:**

npm i mongoose

**Step 3:**

**npm i dotenv (vs ma .env k name sa file bnani**

**MONGODB\_URI= "mongodb://localhost:27017/databasefoldername"**

**)**

**Step 4 Database connection:**

**// MongoDB connection --yahan process.env.MONGODB\_URI .env file se URI read karega.**

**mongoose.connect(**

**process.env.MONGODB\_URI,**

**{**

**useNewUrlParser: true,**

**useUnifiedTopology: true**

**}**

**);**

**Step 5 schema and modal:**

**//schema OR model**

**/\***

**Schema → student ka structure define karta hai (name, age, email).**

**Model → Student naam ka collection banata hai MongoDB me.**

**\*/**

**const studentSchema = new mongoose.Schema({**

**name: String,**

**age: {**

**type: Number,**

**required: true**

**},**

**email: String**

**});**

**const Student = mongoose.model('Student', studentSchema);**

**Step 6 Route :**

**//Route to Create Student**

**/\***

**Agar koi POST request /student pe aayegi to:**

**Request body se name, email, age liye jayenge.**

**new Student(...).save() karke database me store hoga.**

**Response me message jayega: "Student created successfully".**

**\*/**

**app.post('/student', (req, res) => {**

**const {name,email,age} = req.body;**

**const data = new Student({name,email,age}).save()**

**res.json('Student created successfully');**

**});**

**Imports jo krna:**

**import express from 'express';**

**import mongoose from 'mongoose';**

**import dotenv from 'dotenv';**

**import userRouter from './routes/userRoutes.js';**

**dotenv.config();**

**const app = express();**

**Final:**

**import express from 'express';**

**import mongoose from 'mongoose';**

**import dotenv from 'dotenv';**

**import userRouter from './routes/userRoutes.js';**

**dotenv.config();**

**const app = express();**

**// middleware**

**app.use(express.json());**

**// Routes**

**app.use('/new/user', userRouter);**

**//schema OR model**

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**);**

**//server run**

**app.listen(4001, () => {**

**console.log("Server is running on this port no 4001");**

**});**