

# Template engine in express JS

Node JS Tutorial in Hindi #36 EJS | Template engine in express JS




## What is a Template Engine?

A **template engine** lets you **generate dynamic HTML** using **server-side data**.

Helps merge backend data with frontend templates (like variables in HTML).

## Popular Template Engines

**EJS** (Embedded JavaScript) 

**Pug** (formerly Jade)

**Handlebars**

# How to Install EJS

```
npm i ejs
```

## EJS File Structure

```
project/  
|  
├─ views/  
|   └─ home.ejs  
├─ public/  
|   └─ style.css  
└─ index.js
```

Note: EJS **automatically looks inside the views/ folder**

## Example: home.ejs

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8" />  
  <meta name="viewport" content="width=device-width, initial-  
scale=1.0" />  
  <title>Home Page</title>  
  <link rel="stylesheet" href="style.css" />  
</head>  
<body>  
  <h1>Name <%= name %></h1>  
  <h2>Yt Channel: <%= ytChannel %></h2>  
  <h2>Age : <%= age %></h2>  
</body>
```

```
</html>
```

`<%= ... %>` is used to embed JavaScript values in HTML

## index.js

```
import express from "express";
const app = express();

app.set("view engine", "ejs");

app.get("/", (req, resp) => {
  resp.render("home", {
    name: "Anil Sidhu",
    ytChannel: "Code Step By Step",
    age: 29,
  });
});

app.listen(3200);
```

`app.set("view engine", "ejs");` tells Express to use EJS

`resp.render("home", {...})` sends data to the EJS file

Output at <http://localhost:3200/>:

```
Name Anil Sidhu
Yt Channel: Code Step By Step
Age : 29
```

© 2025 All Rights Reserved by **thecodingskills.com** and **Code step by step YouTube Channel**

[Home](#) [About](#) [Contact](#)