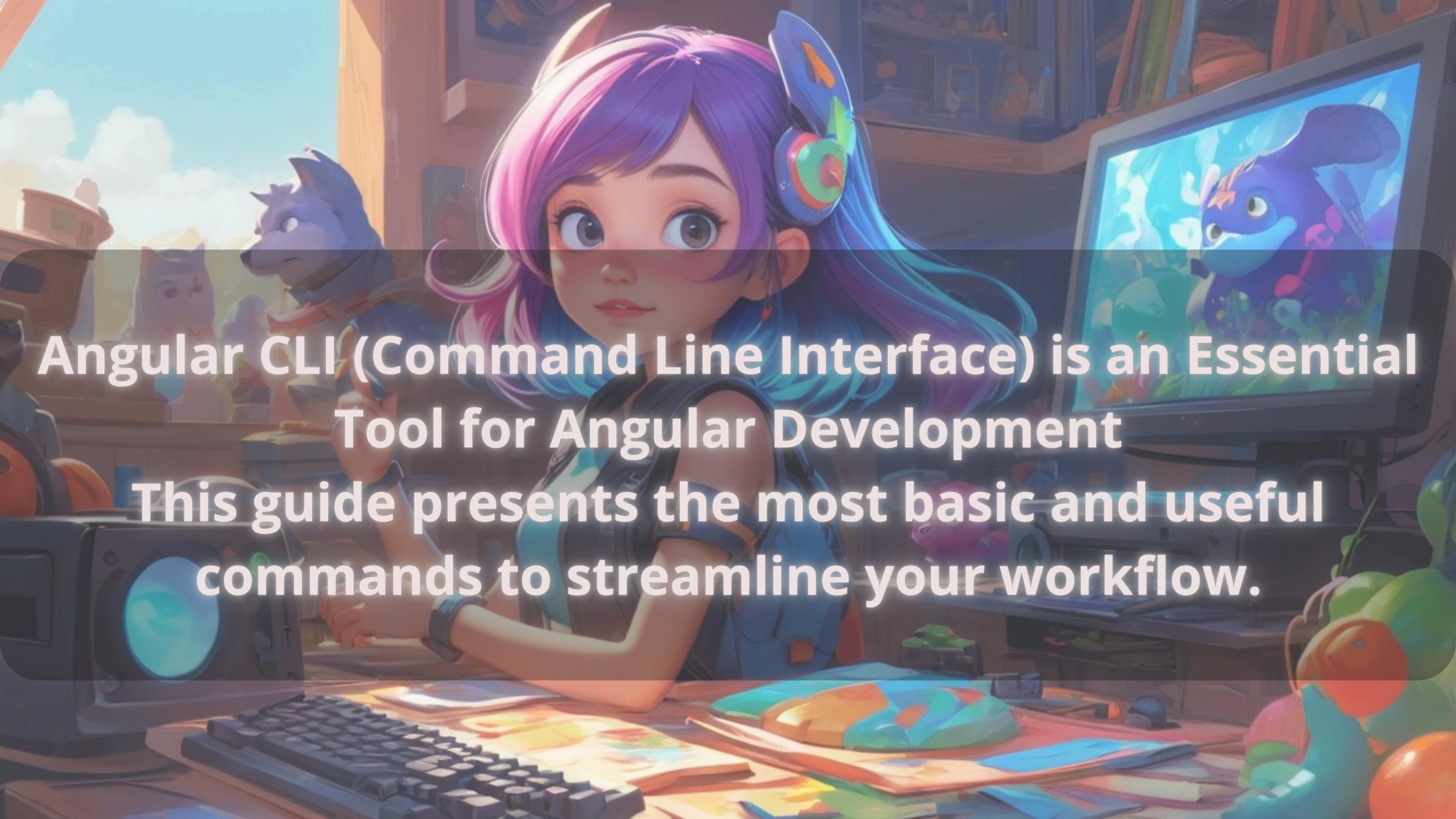




ANGULAR

Basic Angular CLI Commands





**Angular CLI (Command Line Interface) is an Essential
Tool for Angular Development**
This guide presents the most basic and useful
commands to streamline your workflow.

Chapter 1: Initial Setup

Before installing the Angular CLI, make sure you have Node.js and npm (Node Package Manager) installed. If you haven't installed them yet, download and install the latest version of Node.js from nodejs.org, which includes npm.

Install Angular CLI

```
npm install -g @angular/cli
```

ng version "Important to check the Angular version

Chapter 2: Creating Projects

Create a New Project:

`ng new project-name`

Creates a new Angular application. You will be prompted to configure options such as CSS/SCSS and routing.

Chapter 3: Development Commands

Serve the Project
`ng serve`

Starts the development server. Access it at
`http://localhost:4200`.

A woman with long brown hair tied back, wearing a futuristic, metallic suit with large circular shoulder pads, stands in a vast, arid landscape. In the background, a sprawling, futuristic city with tall, thin buildings and flying hot air balloons is visible under a hazy sky.

Create a New Component

`ng generate component component-name`

or

`ng g c component-name`

Automatically generates the necessary files (HTML, CSS, TS, Spec) for a component.

Create a New Service

`ng generate service service-name`

or

`ng g s service-name`

Creates an Angular service for business logic.

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Chapter 4: Structure and Organization

Create a Module

`ng generate module module-name`

or

`ng g m module-name`

Helps to organize code into different modules.

Add a Router

`ng generate module app-routing --flat --module=app`

Creates a routing module linked to the main module.

Chapter 5: Testing and Deployment

Run Tests

ng test

Runs unit tests.

Generate a Build

ng build

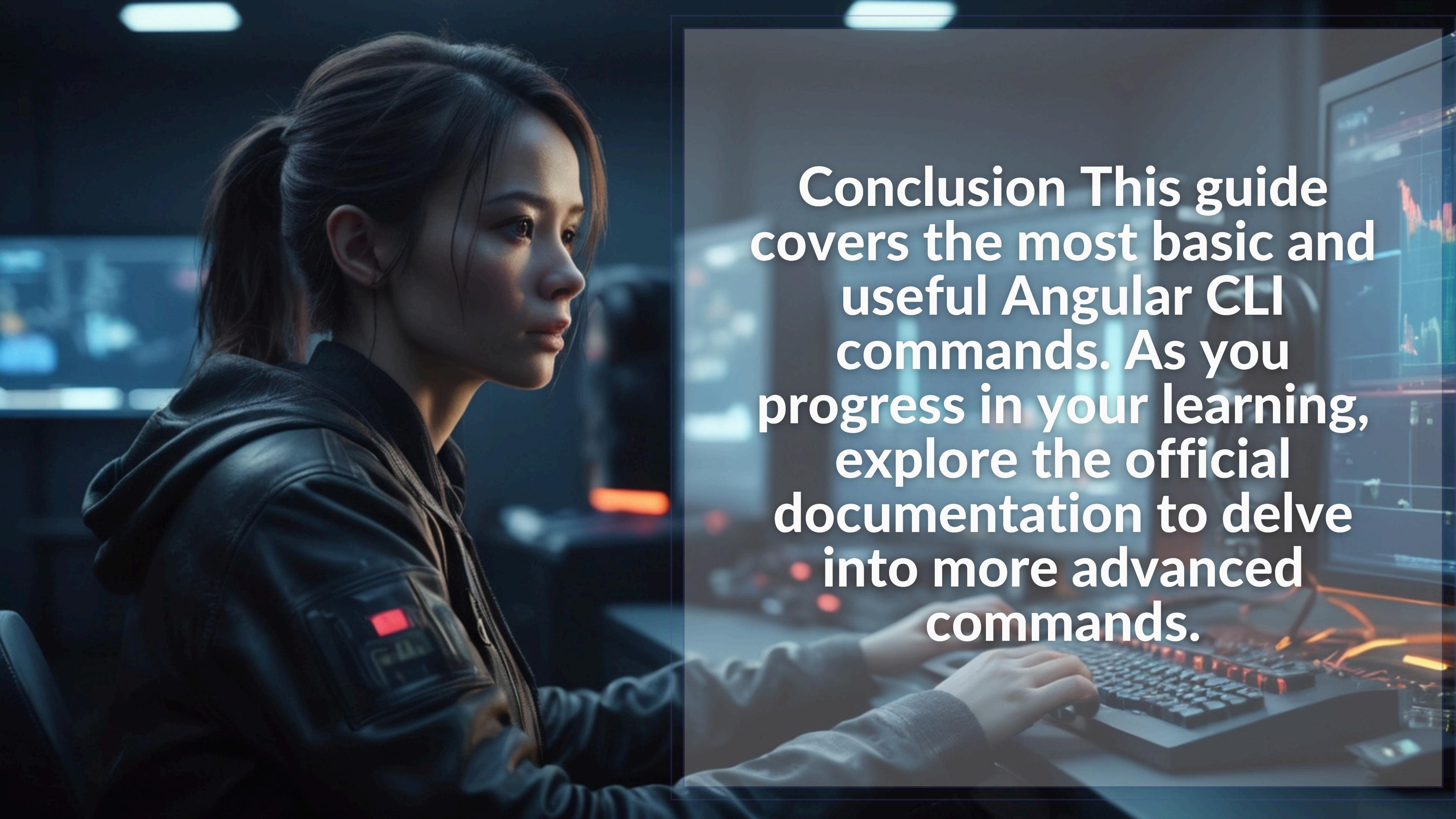
Compiles the application for production.

Chapter 6: Updating Dependencies

Update Angular

`ng update @angular/cli @angular/core`

Updates the Angular CLI and Core dependencies to the latest version.

A woman with long brown hair tied back, wearing a dark leather jacket, is shown from the side and back. She is working on a complex control panel with numerous buttons, knobs, and a small screen displaying red data. The setting is a dimly lit, futuristic control room with multiple screens in the background showing various data and graphs.

Conclusion This guide covers the most basic and useful Angular CLI commands. As you progress in your learning, explore the official documentation to delve into more advanced commands.



My name is Fabrício, I am 37 years old, and I am from São Paulo, Brazil. Currently, I am a computer engineering student and a full stack developer. I love technology, and thank you very much for reading this far.