

This section will help you **build a strong foundation** in the key concepts needed to create AI agents and automations using n8n and other tools.

Even if you're already familiar with some of these ideas, it's worth reviewing - especially since we've included short **practical quizzes to test your knowledge** and help you spot any gaps.

Here's what we'll cover:

- What **automation** is and how it works
- How to use **n8n** as a no-code automation platform
- The difference between **nodes, triggers, workflows**, and how they interact
- How **APIs** and **webhooks** work, and how to integrate them into automations
- How n8n handles and manipulates **data** between steps
- What **LLMs (Large Language Models)** are and how they power AI agents and AI Automations
- The concept of **RAG (Retrieval-Augmented Generation)** and when to use it
- Basics of **vector databases** like Pinecone or Supabase
- ...and other topics, as the lecture titles in this section indicate.

Whether you're new to automation or just need a quick refresh, **this section** will make sure you're ready to move forward with confidence. If you already feel comfortable with these topics, you can skip ahead to the next section and start building your first projects.