

09:00 – 10:30

# Module 1: The Anaconda Ecosystem & AI Setup

Building a powerful foundation for AI-assisted Python development.

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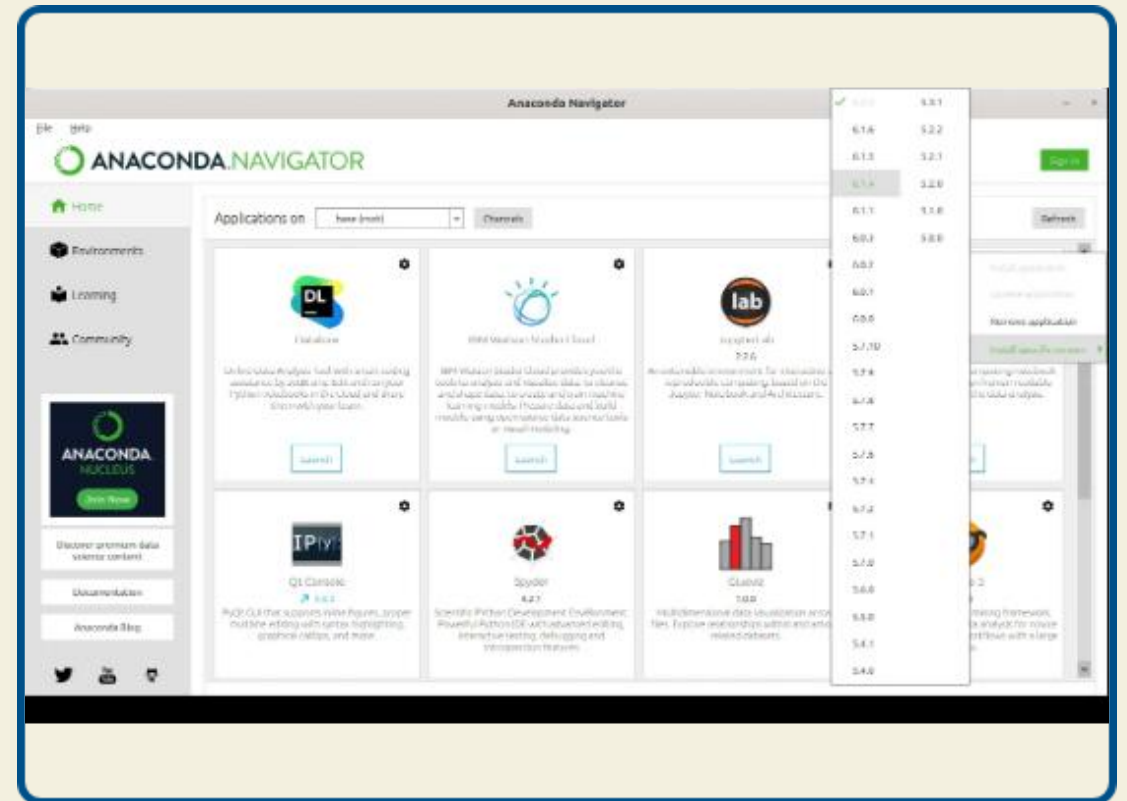
# Anaconda Navigator

Your Visual

Launchpad

# Visual Launching Made Simple

- ✓ **No CLI Required:** Launch your workspace without typing terminal commands.
- ✓ **One-Click Apps:** Instantly access Jupyter, Spyder, and RStudio.
- ✓ **Environment Control:** Visually manage packages and Python versions.



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# Jupyter Notebooks

Interactive Programming

Interface

# The Anatomy of a Notebook

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## Code Cells

Executable blocks where you write and run actual Python code.



## Markdown

Rich text cells for documentation, formulas, and visual notes.



## Iterative Flow

Run blocks individually to debug and experiment instantly.

# Essential Interface Shortcuts

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- ✓ **Shift + Enter**: Execute the current cell.
- ✓ **'A' Key**: Insert a new cell above.
- ✓ **'B' Key**: Insert a new cell below.
- ✓ **'M' Key**: Convert cell to Markdown mode.
- ✓ **'Y' Key**: Convert cell to Code mode.
- ✓ **'D,D' Key**: Delete the active cell.

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# AI Persona Setup

Turning GenAI into a Patient

Tutor

# Configuring ChatGPT & Claude

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## Role Definition

Explicitly instruct the AI: "You are a professional Python instructor who specializes in teaching absolute beginners with extreme patience."

## Tone & Style

Request clear analogies and step-by-step logic. Ban high-level jargon and require comments for every single line of code generated.

*"Explain like I'm five, but code like  
a seasoned professional."*

*— The AI Learner's Creed*

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# The Golden Prompt

Guaranteeing Beginner-Friendly

Code

# Prompt Constraints

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## Directing the Machine

Apply strict rules to every request. Ensure the AI avoids complex libraries, comments every line, and provides simple logic. This results in code you can run, understand, and learn from instantly.



# Questions?

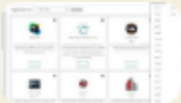
Anaconda Ecosystem & AI Setup

Ready to launch your first Jupyter Notebook?

[training-support@ecosystem.ai](mailto:training-support@ecosystem.ai) | [session-notes.com](https://session-notes.com)

# Image Sources

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<https://ostechnix.com/wp-content/uploads/2021/02/Install-specific-IDE-version-from-Anaconda-Navigator.png.webp>

Source: [ostechnix.com](https://ostechnix.com)



[https://img.freepik.com/premium-photo/modern-ai-virtual-assistant-icon-virtual-meetings-white-background-photo-stock-concept\\_980716-513521.jpg](https://img.freepik.com/premium-photo/modern-ai-virtual-assistant-icon-virtual-meetings-white-background-photo-stock-concept_980716-513521.jpg)

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