

AI-DRIVEN DEVELOPMENT – 30 DAY CHALLENGE

TASK 3

★ PART A — Research Questions

1. What new improvements were introduced in Gemini 3.0?

Answer:

Gemini 3.0 mein speed, accuracy, reasoning aur context understanding ko kaafi improve kiya gaya hai. Model ab zyada stable, fast aur complex tasks ko efficiently handle kar saka hai.

2. How does Gemini 3.0 improve coding & automation workflows?

Answer:

Gemini 3.0 code ko zyada sahi aur context-based generate karta hai, errors kam hotay hain, debugging better hoti hai, aur multi-step automation smoothly perform hoti hai. Ye developer tools ke sath behtar integration bhi data deta hai.

3. How does Gemini 3.0 improve multimodal understanding?

Answer:

Gemini 3.0 images, text, charts, PDFs aur documents ko zyada accurate tareeke se analyze karta hai. Ye visual aur textual information ko combine karke strong multimodal reasoning provide karta hai.

4. Name any two developer tools introduced with Gemini 3.0.

Answer:

1. Gemini Code Assist
 2. Gemini CLI 3.0
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★ PART B – PRACTICAL TASK

Task: Update the Gemini 3.0 model using the /model command.

The screenshot shows a Windows Command Prompt window with the following text:

```
PS C:\Windows\system32\cmd.exe
4. /help for more information.

> /model list

Gemini CLI update available! 0.16.0 → 0.17.0
Installed with npm. Attempting to automatically update now...

> /model set gemini-3.0

Update successful! The new version will be used on your next run.

> /model set gemini - 3.0

You are running Gemini CLI in your home directory. It is recommended to run in a project-specific directory.
```

Below the command prompt, a modal dialog titled "Select Model" is displayed:

Select Model

Gemini 3 is now available.
To use Gemini 3, enable "Preview features" in /settings.
Learn more at <https://goo.gle/enable-preview-features>

- 1. Auto
Let the system choose the best model for your task.
- 2. Pro (gemini-2.5-pro)
For complex tasks that require deep reasoning and creativity
- 3. Flash (gemini-2.5-flash)
For tasks that need a balance of speed and reasoning
- 4. Flash-Lite (gemini-2.5-flash-lite)
For simple tasks that need to be done quickly

To use a specific Gemini model on startup, use the --model flag.
(Press Esc to close)

The taskbar at the bottom of the screen includes icons for File Explorer, Edge, and other system tools. The system tray shows the date and time as 11/21/2025 4:15 PM.