Gowtham SB
www.linkedin.com/in/sbgowtham/ Instagram - @dataengineeringtamil

Ways to Write & Run Python Scripts (Windows)

🔹 1. Notepad++ + Command Line

✍️ Writing Python Code

1. Open Notepad++.
2. Write your Python code:

```
print("Hello from Notepad++!")
```

3. Save the file with `.py` extension, e.g., `hello.py`.
   ✅ Make sure the file is saved in a known location like `C:\PythonScripts\hello.py`.

▶️ Running the Script

1. Open Command Prompt (`Win + R` → type `cmd`).
2. Navigate to the file location:

```
cd C:\PythonScripts
```

3. Run the script using:

```
python hello.py
```

🔁 **Output:**

Hello from Notepad++!

🔹 2. PyCharm IDE

✍️ Writing Code in PyCharm

1. Open PyCharm → New Project
2. Inside the project, right-click on the folder → New → Python File → Name it `hello`
3. Write your code:

```
print("Hello from PyCharm!")
```

▶️ Running the Script

- Right-click on the file → Click "Run hello"
- Or click the green play icon on top-right.

🔁 **Output appears in the Run Console at the bottom.**

🔹 3. Python Shell (Interactive Mode)

▶️ Access Python Shell

1. Press `Win + S`, type `python` → Open the Python shell (interactive mode).
2. You'll see:

```
>>>
```

✍️ Writing Code

Type directly:

>>> print("Hello from Python Shell!")

🔁 Output:

Hello from Python Shell!

✅ Good for quick testing, math, string operations, etc.

🧠 Bonus Tip:

To exit the Python Shell:

>>> exit()

or just press `Ctrl + Z` → `Enter`

📌 Summary Table:

Tool	How to Write	How to Run	Best For
Notepad++	Simple text editor	`python file.py` in CMD	Lightweight scripting
PyCharm	Full-featured IDE	Built-in run button	Real projects, debugging
Python Shell	Write inside terminal	Executes instantly	Quick experiments, testing

---

About the Author

Gowtham SB is a **Data Engineering expert, educator, and content creator** with a passion for **big data technologies, as well as cloud and Gen AI** . With years of experience in the field, he has worked extensively with **cloud platforms, distributed systems, and data pipelines**, helping professionals and aspiring engineers master the art of data engineering.

Beyond his technical expertise, Gowtham is a **renowned mentor and speaker**, sharing his insights through engaging content on **YouTube and LinkedIn**. He has built one of the **largest Tamil Data Engineering communities**, guiding thousands of learners to excel in their careers.

Through his deep industry knowledge and hands-on approach, Gowtham continues to **bridge the gap between learning and real-world implementation**, empowering individuals to build **scalable, high-performance data solutions**.

Socials

YouTube - https://www.youtube.com/@dataengineeringvideos

Instagram - https://instagram.com/dataengineeringtamil

Instagram - https://instagram.com/thedatatech.in

Connect for 1:1 - https://topmate.io/dataengineering/

LinkedIn - https://www.linkedin.com/in/sbgowtham/

Website - https://codewithgowtham.blogspot.com

GitHub - http://github.com/Gowthamdataengineer

Whats App - https://lnkd.in/g5JrHw8q

Email - atozknowledge.com@gmail.com

All My Socials - https://lnkd.in/gf8k3aCH

Gowtham SB
www.linkedin.com/in/sbgowtham/ Instagram - @dataengineeringtamil