

!nvidia-smi

➡ Tue Feb 11 12:45:28 2025

NVIDIA-SMI 550.54.15				Driver Version: 550.54.15				CUDA Version: 12.4			
GPU Name				Persistence-M		Bus-Id		Disp.A		Volatile Uncorr. ECC	
Fan	Temp	Perf		Pwr:Usage/Cap				Memory-Usage		GPU-Util	Compute M.
										MIG M.	
0	Tesla T4			Off		00000000:00:04.0 Off				0	
N/A	38C	P8		9W / 70W		0MiB / 15360MiB				0%	Default
										N/A	
Processes:											
GPU	GI	CI		PID	Type	Process name				GPU Memory	
	ID	ID								Usage	
No running processes found											

```
from openai import OpenAI
```

```
client = OpenAI(  
    base_url="https://openrouter.ai/api/v1",  
    api_key="your api key",  
)
```

```
completion = client.chat.completions.create(  
    extra_headers={  
        "HTTP-Referer": "<YOUR_SITE_URL>", # Optional. Site URL for rankings on openrouter.ai.  
        "X-Title": "<YOUR_SITE_NAME>", # Optional. Site title for rankings on openrouter.ai.  
    },  
    extra_body={},  
    model="deepseek/deepseek-r1:free",  
    messages=[  
        {  
            "role": "user",  
            "content": "How a non technical user transit to data analyst?"  
        }  
    ]  
)
```

```
]
)
print(completion.choices[0].message.content)
```

➡ Transitioning from a non-technical role to a data analyst involves a strategic blend of skill acquisition, practical experience,

1. **Build Foundational Skills**

- **Data Literacy & Statistics**: Start with basics like data types, descriptive statistics, and data visualization principles
- **Excel Mastery**: Learn advanced functions (VLOOKUP, INDEX-MATCH), pivot tables, and basic data manipulation. Consider free
- **SQL**: Begin with simple queries (SELECT, WHERE, JOINS) using platforms like Codecademy, DataCamp, or Mode Analytics. Focu

2. **Learn Analytical Tools**

- **Python/R**: Start with Python for its simplicity. Use free resources like Automate the Boring Stuff or DataCamp's "Python
- **Visualization Tools**: Learn Tableau Public or Power BI using free training videos. Create dashboards to practice storytel
- **Big Data Basics**: Explore tools like Google Analytics or Excel's Power Query for data cleaning and transformation.

3. **Execute Practical Projects**

- **Portfolio Development**: Use datasets from Kaggle, Google Dataset Search, or government portals (e.g., data.gov). Example
 - Analyzing sales trends.
 - Visualizing COVID-19 data.
 - Predicting housing prices (simple regression models).
- **GitHub/Personal Website**: Showcase projects with clear documentation. Highlight problem statements, methodologies, and in

4. **Gain Credibility**

- **Certifications**:



