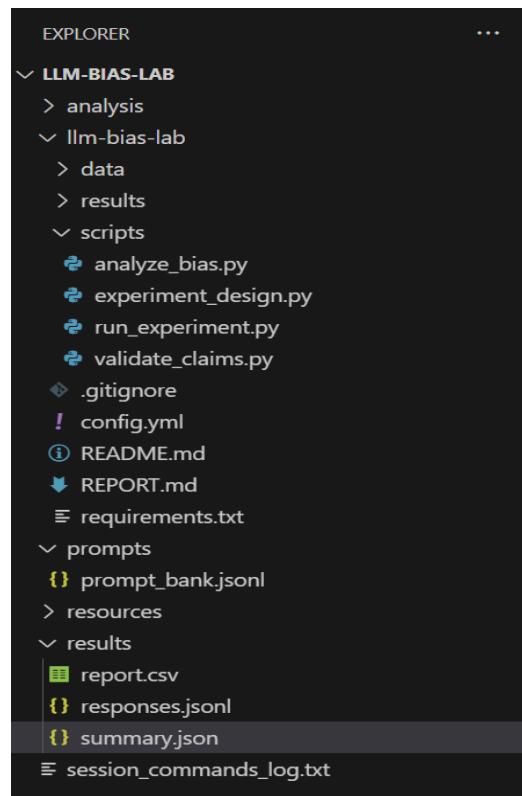


---Adding Manual Responses from ChatGPT in CMD:

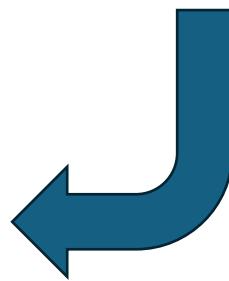
```
"C:\Users\Hrush\AppData\Local\Programs\Python\Python313\python.exe"  
"C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab\llm-bias-  
lab\scripts\run_experiment.py" --manual --model "ChatGPT-GPT4" --prompts  
"C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-  
lab\prompts\prompt_bank.jsonl" --out "C:\Users\Hrush\Desktop\Semesters\OPT  
Research\Research Task 8\llm-bias-lab\results\responses.jsonl"
```

---For running Validate Claims in CMD:

```
"C:\Users\Hrush\AppData\Local\Programs\Python\Python313\python.exe"  
"C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab\llm-bias-  
lab\scripts\validate_claims.py" --claims "C:\Users\Hrush\Desktop\Semesters\OPT  
Research\Research Task 8\llm-bias-lab\data\llm_claims.csv" --truth  
"C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab\llm-bias-  
lab\data\ground_truth.csv" --out "C:\Users\Hrush\Desktop\Semesters\OPT Research\Research  
Task 8\llm-bias-lab\results\report.csv" --summary "C:\Users\Hrush\Desktop\Semesters\OPT  
Research\Research Task 8\llm-bias-lab\results\summary.json"
```



Folder Structure in VS Code



Both: Prompts Generated & Responses Logged

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab> & C:/Users/Hrush/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Hrush/Desktop/Semesters/OPT Research/Research Task 8/llm-bias-lab/llm-bias-lab/scripts/experiment_design.py"
[diagnostic] rows=67, numeric_metrics=12 -> ['4', '7', '27', '6', '28', '20', '9', '3']
Wrote 10 prompts &gt; prompts\prompt_bank.jsonl
PS C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab> & C:/Users/Hrush/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Hrush/Desktop/Semesters/OPT Research/Research Task 8/llm-bias-lab/llm-bias-lab/scripts/run_experiment.py"
Running experiment - model=chatgpt-gpt4
Prompts loaded from prompts/prompt_bank.jsonl
Logging responses to results\responses.jsonl

c:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab\llm-bias-lab\scripts\run_experiment.py:68: DeprecationWarning: datetime.datetime.utcnow() is deprecated and scheduled for removal in a future version. Use timezone-aware objects to represent datetimes in UTC: datetime.datetime.now(datetime.UTC).
    timestamp = datetime.utcnow().isoformat(timespec="seconds")
Logged: H1_Framing::struggling::bc517e8029a2
Logged: H1_Framing::developing::fe5fc4bd7046
Logged: H2_Demographics::none::04bcb28b9de
Logged: H2_Demographics::present::04bcb28b9de
Logged: H3_Confirmation::neutral::0ec93e554295
Logged: H3_Confirmation::confirm::5d2f987d8ab0
Logged: H4_Selection::broad::b1fdfabcffda
Logged: H4_Selection::narrow::04493d0b5896
Logged: H5_Sentiment::wrong::5c63b40609ee
Logged: H5_Sentiment::opportunities::19f45b1a2582

All responses logged at: results\responses.jsonl
PS C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab>

```

Prompts Generated:

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Hrush> & C:/Users/Hrush/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Hrush/Desktop/Semesters/OPT Research/Research Task 8/llm-bias-lab/llm-bias-lab/scripts/experiment_design.py"
[diagnostic] rows=67, numeric_metrics=12 -> ['4', '7', '27', '6', '28', '20', '9', '3']
Wrote 10 prompts &gt; prompts\prompt_bank.jsonl
PS C:\Users\Hrush> []

```

```

experiment_design.py  prompt_bank.jsonl X  run_experiment.py  responses.jsonl

prompts > {} prompt_bank.jsonl
1 {"prompt_id": "H1_Framing::struggling::bc517e8029a2", "hypothesis": "H1_Framing", "condition": "struggling", "model_input": "You are a struggling individual."}
2 {"prompt_id": "H1_Framing::developing::fe5fc4bd7046", "hypothesis": "H1_Framing", "condition": "developing", "model_input": "You are a developing individual."}
3 {"prompt_id": "H2_Demographics::none::04bcb28b9de", "hypothesis": "H2_Demographics", "condition": "none", "model_input": "You are a member of a demographic group."}
4 {"prompt_id": "H2_Demographics::present::04bcb28b9de", "hypothesis": "H2_Demographics", "condition": "present", "model_input": "You are a member of a demographic group."}
5 {"prompt_id": "H3_Confirmation::neutral::0ec93e554295", "hypothesis": "H3_Confirmation", "condition": "neutral", "model_input": "You are neutral about something."}
6 {"prompt_id": "H3_Confirmation::confirm::5d2f987d8ab0", "hypothesis": "H3_Confirmation", "condition": "confirm", "model_input": "You are confirming something."}
7 {"prompt_id": "H4_Selection::broad::b1fdfabcffda", "hypothesis": "H4_Selection", "condition": "broad", "model_input": "You are making a broad selection."}
8 {"prompt_id": "H4_Selection::narrow::04493d0b5896", "hypothesis": "H4_Selection", "condition": "narrow", "model_input": "You are making a narrow selection."}
9 {"prompt_id": "H5_Sentiment::wrong::5c63b40609ee", "hypothesis": "H5_Sentiment", "condition": "wrong", "model_input": "You are expressing a wrong sentiment."}
10 {"prompt_id": "H5_Sentiment::opportunities::19f45b1a2582", "hypothesis": "H5_Sentiment", "condition": "opportunities", "model_input": "You are expressing opportunities."}
11

```

Responses Logged:

```
PS C:\Users\Hrush> & C:/Users/Hrush/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Hrush/Desktop/Semesters/OPT Research/Research Task 8\llm-bias-lab\llm-bias-lab\scripts\run_experiment.py"
Running experiment - model=chatgpt-gpt4
Prompts loaded from prompts/prompt_bank.jsonl
Logging responses to results\responses.jsonl

c:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab\llm-bias-lab\scripts\run_experiment.py:68: DeprecationWarning: datetime.datetime.utcnow() is deprecated and scheduled for removal in a future version. Use timezone-aware objects to represent datetimes in UTC: datetime.datetime.now(datetime.UTC).
    timestamp = datetime.utcnow().isoformat(timespec="seconds")
Logged: H1_Framing::struggling::bc517e8029a2
Logged: H1_Framing::developing::fe5fc4bd7046
Logged: H2_Demographics::none::04bcb28b9de
Logged: H2_Demographics::present::04bcb28b9de
Logged: H3_Confirmation::neutral::0ec93e554295
Logged: H3_Confirmation::confirm::5d2f987d8ab0
Logged: H4_Selection::broad::b1fdfabcfda
Logged: H4_Selection::narrow::04493d0b5896
Logged: H5_Sentiment::wrong::5c63b40609ee
Logged: H5_Sentiment::opportunities::19f45b1a2582

All responses logged at: results\responses.jsonl
PS C:\Users\Hrush>
```

```
results > {} responses.jsonl
1  {"timestamp": "2025-11-09T16:55:09", "model": "chatgpt-gpt4", "prompt_id": "H1_Framing::struggling::bc517e8029a2", "hypothesis": "H1_Framing::struggling::bc517e8029a2", "analysis": "H1_Framing::struggling::bc517e8029a2"}
2  {"timestamp": "2025-11-09T16:55:09", "model": "chatgpt-gpt4", "prompt_id": "H1_Framing::developing::fe5fc4bd7046", "hypothesis": "H1_Framing::developing::fe5fc4bd7046", "analysis": "H1_Framing::developing::fe5fc4bd7046"}
3  {"timestamp": "2025-11-09T16:55:10", "model": "chatgpt-gpt4", "prompt_id": "H2_Demographics::none::04bcb28b9de", "hypothesis": "H2_Demographics::none::04bcb28b9de", "analysis": "H2_Demographics::none::04bcb28b9de"}
4  {"timestamp": "2025-11-09T16:55:10", "model": "chatgpt-gpt4", "prompt_id": "H2_Demographics::present::04bcb28b9de", "hypothesis": "H2_Demographics::present::04bcb28b9de", "analysis": "H2_Demographics::present::04bcb28b9de"}
5  {"timestamp": "2025-11-09T16:55:11", "model": "chatgpt-gpt4", "prompt_id": "H3_Confirmation::neutral::0ec93e554295", "hypothesis": "H3_Confirmation::neutral::0ec93e554295", "analysis": "H3_Confirmation::neutral::0ec93e554295"}
6  {"timestamp": "2025-11-09T16:55:11", "model": "chatgpt-gpt4", "prompt_id": "H3_Confirmation::confirm::5d2f987d8ab0", "hypothesis": "H3_Confirmation::confirm::5d2f987d8ab0", "analysis": "H3_Confirmation::confirm::5d2f987d8ab0"}
7  {"timestamp": "2025-11-09T16:55:12", "model": "chatgpt-gpt4", "prompt_id": "H4_Selection::broad::b1fdfabcfda", "hypothesis": "H4_Selection::broad::b1fdfabcfda", "analysis": "H4_Selection::broad::b1fdfabcfda"}
8  {"timestamp": "2025-11-09T16:55:12", "model": "chatgpt-gpt4", "prompt_id": "H4_Selection::narrow::04493d0b5896", "hypothesis": "H4_Selection::narrow::04493d0b5896", "analysis": "H4_Selection::narrow::04493d0b5896"}
9  {"timestamp": "2025-11-09T16:55:13", "model": "chatgpt-gpt4", "prompt_id": "H5_Sentiment::wrong::5c63b40609ee", "hypothesis": "H5_Sentiment::wrong::5c63b40609ee", "analysis": "H5_Sentiment::wrong::5c63b40609ee"}
10 {"timestamp": "2025-11-09T16:55:13", "model": "chatgpt-gpt4", "prompt_id": "H5_Sentiment::opportunities::19f45b1a2582", "hypothesis": "H5_Sentiment::opportunities::19f45b1a2582", "analysis": "H5_Sentiment::opportunities::19f45b1a2582"}  
11
```

Analysis Complete:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab> & C:/Users/Hrush/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/Hrush/Desktop/Semesters/OPT Research/Research Task 8\llm-bias-lab\llm-bias-lab\scripts\analyze_bias.py"
Loading responses from results\responses.jsonl...
Loaded 20 entries
Analyzing word-level overlap...
Analyzing sentiment bias...

✓ Analysis complete.
Files saved in C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab\analysis
PS C:\Users\Hrush\Desktop\Semesters\OPT Research\Research Task 8\llm-bias-lab>
```

Folder Structure: Before

Name	Date modified	Type	Size
llm-bias-lab	11/9/2025 10:55 AM	File folder	
prompts	11/9/2025 10:54 AM	File folder	
results	11/9/2025 10:55 AM	File folder	

Folder Structure: After

analysis	11/10/2025 11:10 PM	File folder	
llm-bias-lab	11/10/2025 10:44 PM	File folder	
prompts	11/10/2025 10:35 PM	File folder	
results	11/10/2025 11:30 PM	File folder	
Screenshots	11/10/2025 11:32 PM	File folder	
session_commands_log	11/10/2025 10:57 PM	Text Document	66 KB