

PrimeTrade.AI Python Developer Internship

Project Report — Binance Futures Order Bot

Intern Name: Koyyala Munni

Role: Python Developer Intern

Project: Binance Futures Order Bot

1. Objective

The goal of this project is to build a simple **CLI-based Binance Futures Order Bot** in Python that simulates different order types such as **Market**, **Limit**, and **OCO (One Cancels the Other)** orders.

The bot focuses on software development concepts — not real trading.

2. Tools Used

- Python
 - Virtual Environment (venv)
 - Libraries: `python-binance`, `dotenv`, `logging`
 - Command Line Interface (CLI)
-

3. Features Implemented

Feature	Description	Status
Market Orders	Executes immediate simulated trades	<input type="checkbox"/>
Limit Orders	Executes trades at specified price	<input type="checkbox"/>
OCO Orders	Take-profit and stop-loss simultaneously	<input type="checkbox"/>
Logging	All actions recorded in <code>bot.log</code>	<input type="checkbox"/>
Input Validation	Checks symbol, side, and quantity	<input type="checkbox"/>

4. Example Output

Command:

```
python src\market_orders.py BTCUSDT BUY 0.001
```

Output:

```
Placing MARKET order: BTCUSDT BUY 0.001  
Order response: {'orderId': 123456, 'status': 'FILLED'}
```

5. Screenshots

Add screenshots (optional but nice):

- Market order running in CMD
 - bot.log file opened in Notepad
 - Folder structure in File Explorer
-

6. Conclusion

This project demonstrates:

- Writing clean, modular Python code
 - Using CLI and logging
 - Applying validation and simulated trading logic
-

Acknowledgment

Thanks to **PrimeTrade.AI** for giving this opportunity to work on a real-world software development project.