Day 4 & 5 Labs

1. Llama 2 on GCP Lab – guided with students (see Lab Worksheet)
2. Crypto Scams Labs
   1. What is a blockchain and blockchain explorer: <https://etherscan.io/>
   2. Review <https://www.coinbase.com/learn/crypto-basics/what-is-a-blockchain>
   3. Review <https://www.coinbase.com/learn/crypto-glossary/what-is-etherscan-and-how-to-use-it>
   4. Titan Builder Wallet: <https://etherscan.io/address/0x4838b106fce9647bdf1e7877bf73ce8b0bad5f97>
   5. What is Titan Builder? <https://www.titanbuilder.xyz/>
      1. Ethereum is like a big digital notebook where people record transactions. Every few seconds, a new page (called a block) is added. A **block builder** chooses which transactions go on the next page.
      2. A **neutral block builder** does this **fairly**, without blocking anyone or picking favorites. They don’t choose transactions just to make more money or help certain people.
      3. This matters because Ethereum is meant to be accessible to everyone**.** Being neutral helps keep the system trustworthy, so everyone’s transactions are treated equally, and nothing is unfairly left out.
   6. What type of cryptocurrency does this wallet use?
      1. **D7wbmbjBWG5HPkT6d4gh6SdQPp6z25vcF2**
      2. **Put this into chain.so and see what the results are**
      3. **How many transactions does it have?**
   7. **Hawk Crypto Scam**
      1. **HAWKXJXitdzwEopf2AtLtBkHR1WCUjGfZDk1uS8P4yAm (wallet)**
      2. <https://solscan.io/>
      3. Transfers – 100 per page
      4. Scroll to bottom – see where HAWK moved $58,000 off to each start wallet
      5. See the $100K transfers
      6. Copy the Inflow transfers and put them into ChatGPT
      7. Copy the Outflow transfers and put them into ChatGPT
      8. Type the prompt what do these Crypto transfers say about the HAWK token?
         1. **HAWK is the dominant token** being moved out, indicating it may be undergoing a dump or significant transfer by whales or institutions.
         2. A small number of transfers coming in for HAWK, much lower volume than outflow ($19.93M outflow previously). This suggests more HAWK is going out than coming in — a net outflow.
      9. Ask does this indicate a Pump and Dump?
         1. The **large outflow of HAWK tokens** could mean:
            1. Someone is **selling off a huge amount** of HAWK.
            2. Could be a “dump” phase where tokens are being offloaded.
      10. Click on Balance changes and filter for 1 Dec 2024 to 5 Dec 2024
      11. Sort by date and show the first 100 transactions
      12. Put these transactions into ChatGPT and prompt ChatGPT to “track the pump and dump” to get an answer similar to the following:

A screenshot of a pattern

Description automatically generatedA screenshot of a white text

Description automatically generated

1. NFT Contract Address
   1. Go to OpenSea.io
   2. Search for REKT Invaders #570
   3. Scroll down to Blockchain Details
   4. Click on Contract ID and examine the page that pops up
   5. How much ETH is this Contract ID worth?
2. Review <https://www.halborn.com/blog/post/explained-the-nft-trader-hack-december-2023>
3. Use AI to create an NFT: <https://starryai.com/app/home>