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**Lesson 5 Demo 1**

**Exploring the Ethereum Mainnet**

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| **Objective:** To observe the data stored in a block and analyze its transactions  **Tools required:** Ubuntu and web browser  **Prerequisites:** None |

Steps to be followed:

1. Visiting the Etherscan website
2. Viewing and analyzing the latest block
3. Viewing and analyzing the data in a transaction

**Step 1: Visiting the Etherscan website**

1. Open the web browser and navigate to <https://etherscan.io/>

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**Step 2: Viewing and analyzing the latest block**

1. Scroll down to find the **Latest Blocks** section

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1. Click on the first entry in the list

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1. View the data in the block and relate it with the information that you have acquired in the previous lessons (data present in the header, body, hash values, and so on)

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**Step 3: Viewing and analyzing the latest transaction**

1. Go back to the homepage at <https://etherscan.io/> and scroll down to the **Latest Transactions** section

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1. Select the first transaction to analyze its contents

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1. The details of the transaction are revealed along with the transaction hash, transaction fee, Ether transacted, and so on.

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1. Click on the **State** button in the transaction details to view the current state of the transaction

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1. The **State** tab displays the updated account details of the transacting parties, their updated balance, and the amount transferred

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