## DATASET related information 1) NASDAQ -> nasdaq100\_futures(22 to 25).csv **🔹 Major Companies in NASDAQ-100 (as of 2025)**

Here are the **big names** (top-weighted companies — they dominate the index):

* **Technology Giants**
* Apple (AAPL)
* Microsoft (MSFT)
* Alphabet (GOOGL, GOOG)
* Amazon (AMZN)
* Meta Platforms (META)
* NVIDIA (NVDA)
* Tesla (TSLA)
* Broadcom (AVGO)
* Adobe (ADBE)
* Intel (INTC)
* Cisco (CSCO)
* **Consumer & Retail**
* Costco (COST)
* PepsiCo (PEP)
* Starbucks (SBUX)
* Mondelez (MDLZ)
* **Biotech & Pharma**
* Amgen (AMGN)
* Gilead Sciences (GILD)
* Biogen (BIIB)
* **Others**
* Netflix (NFLX)
* PayPal (PYPL)
* Qualcomm (QCOM)
* Zoom Video (ZM)

## **🔹 Why Researchers Prefer NASDAQ-100**

* Easier to handle than full NASDAQ Composite.
* Heavily **tech-focused → higher volatility** (good for testing DL models).
* Includes world’s most innovative companies → attracts research attention.

**2) LOB dataset (FI-2010)**<https://etsin.fairdata.fi/dataset/73eb48d7-4dbc-4a10-a52a-da745b47a649/data>

## **Sentiment And news data for financial analysis 3)Stock Tweets for Sentiment Analysis and Prediction https://www.kaggle.com/datasets/equinxx/stock-tweets-for-sentiment-analysis-and-prediction**

4) <https://www.kaggle.com/datasets/yash612/stockmarket-sentiment-dataset>

5) https://www.kaggle.com/datasets/sbhatti/financial-sentiment-analysis