Symbols : -

@router.post("/api/daily")

def enter\_symbols(db: Session = Depends(get\_db)):

    try:

        file\_to\_open = "app/source/combined\_equity.csv"

        # Step 1: Read the file from combined\_equity.csv

        data\_csv = pd.read\_csv(file\_to\_open)

        # Step 2: Fill null values with default values

        data\_csv['nsecode'].fillna('NA', inplace=True)  # Replace NaN in nsecode with 'NA'

        data\_csv['bsecode'].fillna(0, inplace=True)

    # Assuming "Symbol" is the only column (adjust for other columns)

        symbol\_objects = data\_csv.apply(lambda row: models.Symbol(\*\*row.to\_dict()), axis=1).tolist()

        # print(symbol\_objects)

        data\_csv['nsecode'].fillna('NA', inplace=True)  # Replace NaN in nsecode with 'NA'

        data\_csv['bsecode'].fillna(0, inplace=True)  # Replace NaN in bsecode with 0

        # Step 3: Check if the Symbols table is empty

        symbolList = db.query(models.Symbol).all()

        if not symbolList:

            print("empty")

            # Step 4: Add the data\_csv to Symbols in bulk

            data\_dict = data\_csv.to\_dict(orient='records')

            db.bulk\_insert\_mappings(models.Symbol, data\_dict)

            db.commit()

            return {"message": "Symbols added successfully"}

        else:

            return {"message": "Symbols table is not empty"}

    except Exception as e:

        db.rollback()

        raise HTTPException(status\_code=500, detail=str(e))