**SC2207 Lab 3**

**Tutorial Group SCS5, Group 5**

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## INDIVIDUAL CONTRIBUTION FORM

| Full Name | Individual Contribution to Lab 3 Submission | Percentage of Contribution | Signature |
|---|---|---|---|
| Lim Li Ping Joey | Worked on SQL queries and setting up the database | 25% | |
| Liang Qiaoyun | Worked on SQL queries and setting up the database | 25% | |
| Roger Kwek | Worked on SQL queries and setting up the database | 25% | |
| Matz Chan | Worked on SQL queries and setting up the database | 25% | |
| | | | |
| | | | |

# USE OF AI TOOL(S) IN LAB WORK

Each team member should indicate either A or B:

A. I affirm that my contribution(s) to the lab work is my own, produced without help from any AI tool(s).
B. I affirm that my contribution(s) to the lab work has been produced with the use of AI tool(s).

| Team member (full name) | Signature | Date | A or B |
|---|---|---|---|
| Lim Li Ping Joey | | 1/2/25 | A |
| Liang Qiaoyun | | 1/2/25 | A |
| Matz Chan | | 1/2/25 | A |
| Roger Kwek | | 1/2/25 | A |

By signing this form, you declare that the above affirmation made is true and that you have read and understood NTU's policy on the use of AI tools.

# SQL DDL commands for table creation

```sql
-- Create the Investor table
CREATE TABLE SCS5g5.dbo.Investor (
    Phone VARCHAR(20) PRIMARY KEY,
    Name VARCHAR(255),
    Gender VARCHAR(10),
    DOB DATE,
    AnnualIncome DECIMAL(15, 2),
    Company VARCHAR(255)
);

-- Create the RiskTolerance table
CREATE TABLE SCS5g5.dbo.RiskTolerance (
    RiskLevel VARCHAR(20),
    Phone VARCHAR(20),
    Q1_ans VARCHAR(255),
    Q2_ans VARCHAR(255),
    Q3_ans VARCHAR(255),
    Q4_ans VARCHAR(255),
    Q5_ans VARCHAR(255),
    PRIMARY KEY (RiskLevel, Phone),
    FOREIGN KEY (Phone) REFERENCES Investor(Phone)
);

CREATE TABLE SCS5g5.dbo.FinancialGoal (
    Goal VARCHAR(255),
    Phone VARCHAR(20) NOT NULL,
    StartDate DATE,
    EndDate DATE,
    Amount DECIMAL(15, 2),
    PRIMARY KEY (goal, Phone),
    FOREIGN KEY (Phone) REFERENCES Investor(Phone)
);

-- Create the Portfolio table
CREATE TABLE SCS5g5.dbo.Portfolio (
    PID INT,
    Phone VARCHAR(20),
    AnnualizedReturn DECIMAL(5, 2),
    InceptionDate DATE,
    MarketValue DECIMAL(15, 2),
    Fee DECIMAL(5, 2),
```

```
    FOREIGN KEY (Phone) REFERENCES Investor(Phone),
    PRIMARY KEY (PID, Phone)
);

-- Create the InvestedValue table
CREATE TABLE SCS5g5.dbo.InvestedValue (
    Date DATE,
    PID INT,
    Phone VARCHAR(20),
    Amount DECIMAL(15, 2),
    PRIMARY KEY (Date, PID, Phone),
    FOREIGN KEY (PID, Phone) REFERENCES Portfolio(PID, Phone),
    FOREIGN KEY (Phone) REFERENCES Investor(Phone)
);

-- Create the UnrealizedGainLoss table
CREATE TABLE SCS5g5.dbo.UnrealizedGainLoss (
    Date DATE,
    PID INT,
    Phone VARCHAR(20),
    Amount DECIMAL(15, 2),
    PRIMARY KEY (Date, PID, Phone),
    FOREIGN KEY (PID, Phone) REFERENCES Portfolio(PID, Phone),
    FOREIGN KEY (Phone) REFERENCES Investor(Phone)
);

-- Create the Asset table
CREATE TABLE SCS5g5.dbo.Asset (
    AssetID INT PRIMARY KEY,
    Name VARCHAR(255),
    Price DECIMAL(15, 2)
);

-- Create the Stock table
CREATE TABLE SCS5g5.dbo.Stock (
    AssetID INT PRIMARY KEY,
    PERatio DECIMAL(5, 2),
    EPS DECIMAL(15, 2),
    EBITDA DECIMAL(15, 2),
    FOREIGN KEY (AssetID) REFERENCES Asset(AssetID)
);

-- Create the Bond table
CREATE TABLE SCS5g5.dbo.Bond (
```

```sql
    AssetID INT PRIMARY KEY,
    InterestRate DECIMAL(5, 2),
    MaturityDate DATE,
    FOREIGN KEY (AssetID) REFERENCES Asset(AssetID)
);

-- Create the Fund table
CREATE TABLE SCS5g5.dbo.Fund (
    AssetID INT PRIMARY KEY,
    ExpenseRatio DECIMAL(5, 2),
    DividendYield DECIMAL(5, 2),
    FOREIGN KEY (AssetID) REFERENCES Asset(AssetID)
);

-- Create the StockInPortfolio table
CREATE TABLE SCS5g5.dbo.StockInPortfolio (
    ID INT PRIMARY KEY,
    PID INT,
    Phone VARCHAR(20),
    StartDate DATE,
    AllocationRatio DECIMAL(5, 2),
    PostTradeCO VARCHAR(255),
    AssetID INT,
    FOREIGN KEY (PID, Phone) REFERENCES Portfolio(PID, Phone),
    FOREIGN KEY (Phone) REFERENCES Investor(Phone),
    FOREIGN KEY (AssetID) REFERENCES Stock(AssetID)
);

-- Create the BondInPortfolio table
CREATE TABLE SCS5g5.dbo.BondInPortfolio (
    ID INT PRIMARY KEY,
    PID INT,
    Phone VARCHAR(20),
    StartDate DATE,
    AllocationRatio DECIMAL(5, 2),
    PostTradeCO VARCHAR(255),
    AssetID INT,
    FOREIGN KEY (PID, Phone) REFERENCES Portfolio(PID, Phone),
    FOREIGN KEY (Phone) REFERENCES Investor(Phone),
    FOREIGN KEY (AssetID) REFERENCES Bond(AssetID)
);

-- Create the FundInPortfolio table
CREATE TABLE SCS5g5.dbo.FundInPortfolio (
```

```sql
    ID INT PRIMARY KEY,
    PID INT,
    Phone VARCHAR(20),
    StartDate DATE,
    AllocationRatio DECIMAL(5, 2),
    PostTradeCO VARCHAR(255),
    AssetID INT,
    FOREIGN KEY (PID, Phone) REFERENCES Portfolio(PID, Phone),
    FOREIGN KEY (Phone) REFERENCES Investor(Phone),
    FOREIGN KEY (AssetID) REFERENCES Fund(AssetID)
);

-- Create the StockTransaction table
CREATE TABLE SCS5g5.dbo.StockTransaction (
    Date DATE,
    StockInPortfolioID INT,
    Type VARCHAR(20),
    Fee DECIMAL(15, 2),
    PRIMARY KEY (Date, StockInPortfolioID),
    FOREIGN KEY (StockInPortfolioID) REFERENCES StockInPortfolio(ID)
);

-- Create the BondTransaction table
CREATE TABLE SCS5g5.dbo.BondTransaction (
    Date DATE,
    BondInPortfolioID INT,
    Type VARCHAR(20),
    Fee DECIMAL(15, 2),
    PRIMARY KEY (Date, BondInPortfolioID),
    FOREIGN KEY (BondInPortfolioID) REFERENCES BondInPortfolio(ID)
);

-- Create the FundTransaction table
CREATE TABLE SCS5g5.dbo.FundTransaction (
    Date DATE,
    FundInPortfolioID INT,
    Type VARCHAR(20),
    Fee DECIMAL(15, 2),
    PRIMARY KEY (Date, FundInPortfolioID),
    FOREIGN KEY (FundInPortfolioID) REFERENCES FundInPortfolio(ID)
);
```

# SQL Statements for queries

1. Find investors who are making on average a loss across all their portfolios in 2024
   - The query groups unrealised gain/loss records by investor phone number, filters for those with negative amounts, and joins the result with the Investor table to retrieve their names

```
SELECT I.Name
FROM SCS5g5.dbo.Investor I
JOIN (
        SELECT Phone
        FROM SCS5g5.dbo.UnrealizedGainLoss
        WHERE YEAR(Date) = 2024
        GROUP BY Phone
        HAVING AVG(Amount) < 0
        )
AS Losses
ON I.Phone = Losses.Phone;
```

2. Find investors who are seeing an annualized return of more than 10% from their portfolios in 2024
   - The query finds names of investors who have more than 10% annualised return from all of their portfolios in 2024.
     Assumption: 10% annualised return is accounted for each individual portfolio, as annualized return is an attribute of the portfolio. Investors with at least 1 portfolio that has 10% or less than 10% annualized return (in other words not meeting the criteria) is eliminated via the NOT EXISTS rule.

```
SELECT I.Name
FROM SCS5g5.dbo.Investor I
WHERE NOT EXISTS (
  SELECT P.PID
  FROM SCS5g5.dbo.Portfolio P
  JOIN SCS5g5.dbo.UnrealizedGainLoss UGL ON P.PID = UGL.PID AND P.Phone =
UGL.Phone
  JOIN SCS5g5.dbo.InvestedValue IV ON P.PID = IV.PID AND P.Phone = IV.Phone
  WHERE P.Phone = I.Phone
  GROUP BY P.PID
  HAVING SUM(UGL.Amount) * 100.0 / SUM(IV.Amount) <= 10.0
);
```

3. Find the monthly average unrealized gain/loss of portfolios for each month in 2024
   - For each (pid, month) pair, this query averages the unrealised gain/loss for the year 2024 per (pid,month) pair and returns the monthly average gain/loss for each portfolio.

   ```
   SELECT P.PID, MONTH(UGL.Date) AS Month, AVG(UGL.Amount) AS Average
   FROM SCS5g5.dbo.Portfolio P
   JOIN SCS5g5.dbo.UnrealizedGainLoss UGL
   ON P.PID = UGL.PID AND P.Phone = UGL.Phone
   WHERE YEAR(Date) = 2024
   GROUP BY P.PID, Month(UGL.Date)
   ORDER BY P.PID;
   ```

4. What is the top three most popular first financial goals for investors in 2024
   - For each financial goal, the query counts how many times each goal appears with a 2024 start date and returns the top 3 goals based on the count of entries for that goal in 2024

   ```
   SELECT TOP 3 Goal, COUNT(*) AS Frequency
   FROM SCS5g5.dbo.FinancialGoal
   WHERE YEAR(StartDate) = 2024
   GROUP BY Goal
   ORDER BY COUNT(*) DESC;
   ```

5. Find investors who consistently top their investment at the beginning of every month (dollar-cost averaging) in 2024 for at least one of their portfolios
   - The query retrieves the names of investors who have at least one portfolio that have investments made within the first 5 days of every month for all 12 months in 2024 (dollar-cost averaging)

   Assumption: "Beginning of every month" refers to the first 5 days of each month

   ```
   SELECT I.Name
   FROM SCS5g5.dbo.Investor I
   JOIN
   (
     SELECT MonthlyInvestment.Phone, MonthlyInvestment.PID
     FROM (
       SELECT P.Phone, P.PID, MONTH(IV.Date) AS Month, SUM(IV.Amount) AS Invested
       FROM SCS5g5.dbo.Portfolio P
   ```

```
      JOIN SCS5g5.dbo.InvestedValue IV ON P.PID = IV.PID AND P.Phone = IV.Phone
      WHERE YEAR(IV.Date) = '2024' AND DAY(IV.Date) <= 5
      GROUP By P.Phone, P.PID, MONTH(IV.Date)
     ) AS MonthlyInvestment
     GROUP BY MonthlyInvestment.Phone, MonthlyInvestment.pid
     HAVING COUNT(MonthlyInvestment.Month) = 12
    ) AS Consistent
    ON I.Phone = Consistent.Phone;
```

6. Find the most popular financial goals for investors working in the same company and whose age is between 30 to 40 years old
   - This query counts how often each goal appears in each company, ranks them by frequency, and returns the most common goal for each company based on frequency

```
WITH GoalCounts AS (
        SELECT FG.goal, I.Company, COUNT(FG.Goal) AS GoalCount,
COUNT(I.Company) AS CompanyCount
        FROM SCS5g5.dbo.FinancialGoal FG
        JOIN SCS5g5.dbo.Investor I ON FG.Phone = I.Phone
        WHERE (YEAR(GETDATE()) - YEAR(I.dob)) BETWEEN 30 AND 40
        GROUP BY FG.Goal, I.Company
)
SELECT Company, Goal
FROM (
    SELECT Company, Goal, GoalCount,
        ROW_NUMBER() OVER (PARTITION BY Company ORDER BY GoalCount
DESC) AS rn
    FROM GoalCounts
) ranked
WHERE rn = 1;
```

7. Are male investors in their 20s making more money from their investments than their female counterparts in 2024?
   - The query returns male investors aged 20-29 making more money from investments than their female counterparts based on their average unrealised gain/loss amount in 2024
   - Define counterparts as females who are also aged 20-29

```
WITH MaleInvestor AS (
  SELECT I.Phone, AVG(UGL.Amount) AS AverageGainLoss
  FROM SCS5g5.dbo.Investor I
  JOIN SCS5g5.dbo.UnrealizedGainLoss UGL ON I.Phone = UGL.Phone
```

```sql
  WHERE I.Gender = 'Male'
  AND (YEAR(GETDATE()) - YEAR(I.DoB)) BETWEEN 20 AND 29
  AND YEAR(UGL.Date) = 2024
  GROUP BY I.Phone
),
FemaleInvestor AS (
  SELECT I.Phone, AVG(UGL.Amount) AS AverageGainLoss
  FROM SCS5g5.dbo.Investor I
  JOIN SCS5g5.dbo.UnrealizedGainLoss UGl ON I.Phone = UGL.Phone
  WHERE I.Gender = 'Female'
  AND (YEAR(GETDATE()) - YEAR(I.DoB)) BETWEEN 20 AND 29
  AND YEAR(UGL.Date) = 2024
  GROUP BY I.Phone
),
MaleAverage AS (
  SELECT AVG(AverageGainLoss) AS MaleAvgGainLoss
  FROM MaleInvestor
),
FemaleAverage AS (
  SELECT AVG(AverageGainLoss) AS FemaleAvgGainLoss
  FROM FemaleInvestor
)
SELECT
  (SELECT MaleAvgGainLoss FROM MaleAverage) AS MaleAverageGainLoss,
  (SELECT FemaleAvgGainLoss FROM FemaleAverage) AS FemaleAverageGainLoss,
  CASE
    WHEN (SELECT MaleAvgGainLoss FROM MaleAverage) > (SELECT
FemaleAvgGainLoss FROM FemaleAverage) THEN 'Male is making more'
    WHEN (SELECT MaleAvgGainLoss FROM MaleAverage) < (SELECT
FemaleAvgGainLoss FROM FemaleAverage) THEN 'Female is making more'
    ELSE 'Bothh make equal amount'
  END;
```

# Table Records

## Investor Table

| | Phone | Name | Gender | DOB | AnnualIncome | Company |
|---|---|---|---|---|---|---|
| 1 | 10111213 | Kelly Wilson | Female | 2000-08-05 | 60000.00 | Student |
| 2 | 11223344 | Diana Lee | Female | 1998-09-01 | 90000.00 | HealthInc |
| 3 | 12345678 | Alice Smith | Female | 1988-05-15 | 80000.00 | TechCorp |
| 4 | 14151617 | Liam Taylor | Male | 1990-03-22 | 100000.00 | TechCorp |
| 5 | 18192021 | Mia Anderson | Female | 1985-06-10 | 140000.00 | FinanceCo |
| 6 | 22232425 | Noah Thomas | Male | 1970-11-15 | 180000.00 | Retired |
| 7 | 22334455 | Henry Rodriguez | Male | 1995-04-30 | 95000.00 | HealthInc |
| 8 | 26272829 | Olivia Jackson | Female | 1997-04-01 | 85000.00 | HealthInc |
| 9 | 30313233 | Peter White | Male | 1980-09-28 | 125000.00 | TechCorp |
| 10 | 33445566 | Jack Davis | Male | 1988-02-28 | 130000.00 | FinanceCo |
| 11 | 34353637 | Quinn Harris | Female | 2003-01-12 | 45000.00 | Student |
| 12 | 38394041 | Ryan Martin | Male | 1993-07-08 | 98000.00 | HealthInc |
| 13 | 44556677 | Frank White | Male | 1982-12-05 | 110000.00 | FinanceCo |
| 14 | 55512345 | Charlie Brown | Male | 2002-03-10 | 50000.00 | Student |
| 15 | 66778899 | Eva Garcia | Female | 1979-07-25 | 150000.00 | TechCorp |
| 16 | 77889900 | Isabel Martinez | Female | 1976-10-12 | 160000.00 | TechCorp |
| 17 | 88990011 | Grace Kim | Female | 1960-06-18 | 40000.00 | Retired |
| 18 | 98765432 | Bob Johnson | Male | 1975-11-20 | 120000.00 | FinanceCo |

# Risk Tolerance Table

| | RiskLevel | Phone | Q1_ans | Q2_ans | Q3_ans | Q4_ans | Q5_ans |
|---|---|---|---|---|---|---|---|
| 1 | Aggressive | 10111213 | Very comfortable | Daily | Fund childrens education | Tech stocks | High |
| 2 | Aggressive | 26272829 | Very comfortable | Daily | Buy a house | Emerging markets | High |
| 3 | Aggressive | 66778899 | Very comfortable | Daily | Fund childrens education | Tech stocks | High |
| 4 | Aggressive | 77889900 | Very comfortable | Daily | Buy a house | Emerging markets | High |
| 5 | Aggressive | 98765432 | Very comfortable | Daily | Buy a house | High-growth stocks | High |
| 6 | Conservative | 18192021 | Not comfortable | Monthly | Retirement savings | Government bonds | Low |
| 7 | Conservative | 34353637 | Not comfortable | Monthly | Retirement savings | Government bonds | Low |
| 8 | Conservative | 55512345 | Not comfortable | Monthly | Retirement savings | Low-risk bonds | Low |
| 9 | Conservative | 88990011 | Not comfortable | Monthly | Retirement savings | Government bonds | Low |
| 10 | Moderate | 11223344 | Somewhat comfortable | Semi-regularly | Buy a car | Balanced portfolio | Medium |
| 11 | Moderate | 12345678 | Somewhat comfortable | Semi-regularly | Fund childrens education | Diversified portfolio | Medium |
| 12 | Moderate | 14151617 | Somewhat comfortable | Semi-regularly | Buy a house | Diversified portfolio | Medium |
| 13 | Moderate | 22232425 | Somewhat comfortable | Semi-regularly | Buy a car | Balanced portfolio | Medium |
| 14 | Moderate | 22334455 | Somewhat comfortable | Semi-regularly | Buy a car | Balanced portfolio | Medium |
| 15 | Moderate | 30313233 | Somewhat comfortable | Semi-regularly | Fund childrens education | Diversified portfolio | Medium |
| 16 | Moderate | 33445566 | Somewhat comfortable | Semi-regularly | Fund childrens education | Diversified portfolio | Medium |
| 17 | Moderate | 38394041 | Somewhat comfortable | Semi-regularly | Buy a car | Balanced portfolio | Medium |
| 18 | Moderate | 44556677 | Somewhat comfortable | Semi-regularly | Buy a house | Diversified portfolio | Medium |

# Financial Goal Table

| | Goal | Phone | StartDate | EndDate | Amount |
|---|---|---|---|---|---|
| 1 | Annual Insurance | 88990011 | 2023-05-15 | 2024-05-15 | 8000.00 |
| 2 | Boat Purchase | 26272829 | 2024-02-01 | 2029-02-01 | 110000.00 |
| 3 | Business Expansion | 33445566 | 2023-07-15 | 2026-07-15 | 120000.00 |
| 4 | Buy a Car | 10111213 | 2024-03-15 | 2030-01-01 | 60000.00 |
| 5 | Buy a Car | 11223344 | 2023-10-01 | 2026-12-01 | 30000.00 |
| 6 | Buy a Car | 12345678 | 2023-08-15 | 2028-03-01 | 25000.00 |
| 7 | Buy a Car | 22232425 | 2023-04-14 | 2026-12-01 | 40000.00 |
| 8 | Buy a Car | 22334455 | 2024-03-15 | 2027-03-15 | 30000.00 |
| 9 | Buy a Car | 26272829 | 2024-04-01 | 2026-04-01 | 32000.00 |
| 10 | Buy a Car | 38394041 | 2024-01-05 | 2026-01-05 | 35000.00 |
| 11 | Buy a House | 12345678 | 2024-01-01 | 2029-01-01 | 250000.00 |
| 12 | Buy a House | 14151617 | 2024-03-01 | 2029-03-01 | 225000.00 |
| 13 | Buy a House | 30313233 | 2023-07-25 | 2030-06-01 | 250000.00 |
| 14 | Buy a House | 44556677 | 2024-01-10 | 2030-01-10 | 200000.00 |
| 15 | Buy a House | 66778899 | 2024-02-15 | 2032-02-15 | 280000.00 |
| 16 | Buy a House | 98765432 | 2024-01-15 | 2028-06-01 | 200000.00 |
| 17 | Children's Future Fund | 11223344 | 2023-09-01 | 2045-09-01 | 250000.00 |
| 18 | Dental Work | 10111213 | 2023-10-10 | 2024-10-10 | 6000.00 |
| 19 | Downpayment Fund | 77889900 | 2023-06-01 | 2028-06-01 | 80000.00 |
| 20 | Dream Retirement | 22334455 | 2024-01-01 | 2055-01-01 | 750000.00 |
| 21 | Early Retirement | 12345678 | 2023-09-01 | 2050-09-01 | 800000.00 |
| 22 | Emergency Fund | 12345678 | 2023-06-01 | 2024-06-01 | 10000.00 |
| 23 | Event Hosting | 26272829 | 2023-09-01 | 2024-09-01 | 7000.00 |
| 24 | Family Legacy Fund | 66778899 | 2023-05-01 | 2050-05-01 | 500000.00 |
| 25 | Festival Budget | 18192021 | 2023-06-01 | 2024-06-01 | 3000.00 |
| 26 | Financial Independence | 34353637 | 2024-02-01 | 2054-02-01 | 950000.00 |
| 27 | Franchise Investment | 34353637 | 2023-08-01 | 2026-08-01 | 130000.00 |
| 28 | Fund Children's Education | 11223344 | 2024-02-01 | 2034-02-01 | 80000.00 |
| 29 | Fund Children's Education | 33445566 | 2024-01-20 | 2035-01-20 | 90000.00 |
| 30 | Fund Children's Education | 34353637 | 2024-03-05 | 2038-03-05 | 95000.00 |
| 31 | Fund Childrens Education | 11223344 | 2023-12-01 | 2027-03-01 | 70000.00 |
| 32 | Fund Childrens Education | 12345678 | 2023-07-01 | 2030-01-01 | 50000.00 |
| 33 | Fund Childrens Education | 33445566 | 2024-04-10 | 2032-06-01 | 90000.00 |
| 34 | Gadget Upgrade | 14151617 | 2023-08-01 | 2024-08-01 | 4000.00 |
| 35 | Generational Wealth | 26272829 | 2023-07-01 | 2053-07-01 | 850000.00 |
| 36 | Global Travel Retirement | 10111213 | 2023-06-01 | 2053-06-01 | 850000.00 |
| 37 | Grandkids Education | 77889900 | 2023-10-01 | 2043-10-01 | 200000.00 |
| 38 | Gym Membership | 38394041 | 2024-03-01 | 2025-03-01 | 1200.00 |
| 39 | Holiday Shopping | 11223344 | 2023-11-15 | 2024-12-01 | 5000.00 |
| 40 | Holiday Vacation | 26272829 | 2024-01-10 | 2032-01-01 | 150000.00 |
| 41 | Holiday Vacation | 66778899 | 2024-02-20 | 2032-01-01 | 100000.00 |

| | Goal | Phone | StartDate | EndDate | Amount |
|----|------|-------|-----------|---------|--------|
| 41 | Holiday Vacation | 66778899 | 2024-02-20 | 2032-01-01 | 100000.00 |
| 42 | Holiday Vacation | 77889900 | 2023-06-30 | 2034-01-01 | 120000.00 |
| 43 | Home Renovation | 11223344 | 2024-04-01 | 2028-04-01 | 70000.00 |
| 44 | Interior Design | 22232425 | 2023-05-01 | 2028-05-01 | 40000.00 |
| 45 | Invest in Stocks | 88990011 | 2023-08-01 | 2026-08-01 | 30000.00 |
| 46 | Investment Property | 98765432 | 2024-03-01 | 2029-03-01 | 250000.00 |
| 47 | Kids Enrichment Classes | 10111213 | 2024-02-01 | 2027-02-01 | 25000.00 |
| 48 | Language Course | 34353637 | 2023-07-01 | 2024-07-01 | 3000.00 |
| 49 | Legacy Wealth Fund | 14151617 | 2023-11-01 | 2050-11-01 | 1000000... |
| 50 | Lifetime Travel Plan | 18192021 | 2024-03-01 | 2054-03-01 | 950000.00 |
| 51 | Long-Term Care Fund | 88990011 | 2024-02-01 | 2054-02-01 | 600000.00 |
| 52 | Long-Term Savings | 33445566 | 2024-03-01 | 2040-03-01 | 500000.00 |
| 53 | Master's Degree | 55512345 | 2023-10-01 | 2026-10-01 | 45000.00 |
| 54 | Medical Expenses | 44556677 | 2024-02-01 | 2025-02-01 | 12000.00 |
| 55 | Move to New City | 66778899 | 2024-01-01 | 2027-01-01 | 40000.00 |
| 56 | New Bicycle | 22334455 | 2023-09-10 | 2024-09-10 | 2000.00 |
| 57 | New Furniture | 66778899 | 2023-06-01 | 2024-06-01 | 7000.00 |
| 58 | New Laptop | 55512345 | 2024-01-20 | 2025-01-20 | 3000.00 |
| 59 | Passive Income Fund | 30313233 | 2023-06-01 | 2045-06-01 | 600000.00 |
| 60 | Pay Off Car Loan | 98765432 | 2023-11-01 | 2025-11-01 | 15000.00 |
| 61 | Pet Care Fund | 22232425 | 2024-04-01 | 2025-04-01 | 2500.00 |
| 62 | Relocation Expenses | 14151617 | 2024-01-15 | 2029-01-15 | 95000.00 |
| 63 | Retire Abroad | 98765432 | 2023-08-01 | 2053-08-01 | 900000.00 |
| 64 | Retirement Cash | 18192021 | 2024-05-05 | 2050-01-01 | 700000.00 |
| 65 | Retirement Cash | 34353637 | 2023-02-28 | 2055-01-01 | 800000.00 |
| 66 | Retirement Cash | 55512345 | 2023-03-10 | 2050-01-01 | 500000.00 |
| 67 | Retirement Cash | 88990011 | 2024-01-01 | 2055-01-01 | 600000.00 |
| 68 | Retirement Nest Egg | 55512345 | 2023-07-01 | 2055-07-01 | 1000000... |
| 69 | Second Car | 30313233 | 2024-01-01 | 2027-01-01 | 40000.00 |
| 70 | Secure Retirement | 22232425 | 2023-12-01 | 2050-12-01 | 700000.00 |
| 71 | Short Trip | 33445566 | 2023-12-01 | 2024-12-01 | 4000.00 |
| 72 | Solar Panels | 38394041 | 2023-10-15 | 2028-10-15 | 30000.00 |
| 73 | Start Business | 44556677 | 2023-10-01 | 2028-10-01 | 150000.00 |
| 74 | Study Abroad Fund | 18192021 | 2023-09-01 | 2027-09-01 | 60000.00 |
| 75 | Tech Gadgets | 77889900 | 2024-04-01 | 2025-04-01 | 3500.00 |
| 76 | Upgrade Home Applianc... | 12345678 | 2024-02-15 | 2027-02-15 | 20000.00 |
| 77 | Vacation Home | 44556677 | 2023-12-01 | 2040-12-01 | 300000.00 |
| 78 | Wealth Preservation | 38394041 | 2023-12-01 | 2055-12-01 | 880000.00 |
| 79 | Wedding Fund | 22334455 | 2023-11-20 | 2027-11-20 | 50000.00 |
| 80 | Winter Gear | 30313233 | 2023-10-01 | 2024-10-01 | 1500.00 |

# Portfolio Table

| | PID | Phone | AnnualizedReturn | InceptionDate | MarketValue | Fee |
|---|---|---|---|---|---|---|
| 1 | 1 | 12345678 | 9.09 | 2024-01-01 | 60000.00 | 0.88 |
| 2 | 2 | 98765432 | 25.00 | 2024-01-01 | 250000.00 | 0.88 |
| 3 | 3 | 55512345 | 12.50 | 2024-01-01 | 450000.00 | 0.88 |
| 4 | 4 | 11223344 | 16.66 | 2023-12-01 | 35000.00 | 0.88 |
| 5 | 5 | 66778899 | 20.00 | 2024-01-01 | 120000.00 | 0.88 |
| 6 | 6 | 44556677 | 11.11 | 2024-01-01 | 200000.00 | 0.88 |
| 7 | 7 | 88990011 | 10.00 | 2024-01-01 | 550000.00 | 0.88 |
| 8 | 8 | 22334455 | 14.28 | 2024-01-01 | 40000.00 | 0.88 |
| 9 | 9 | 77889900 | 8.33 | 2024-01-01 | 130000.00 | 0.88 |
| 10 | 10 | 33445566 | 5.55 | 2024-01-01 | 95000.00 | 0.88 |
| 11 | 11 | 12345678 | -8.00 | 2024-01-01 | 23000.00 | 0.88 |
| 12 | 12 | 98765432 | 6.66 | 2023-01-01 | 160000.00 | 0.88 |
| 13 | 13 | 11223344 | 6.66 | 2024-01-01 | 22000.00 | 0.88 |
| 14 | 14 | 66778899 | 12.50 | 2024-01-01 | 90000.00 | 0.88 |
| 15 | 15 | 44556677 | 6.25 | 2022-01-01 | 170000.00 | 0.88 |
| 16 | 16 | 22334455 | 6.66 | 2024-01-01 | 32000.00 | 0.88 |
| 17 | 17 | 77889900 | 10.00 | 2024-01-01 | 110000.00 | 0.88 |
| 18 | 18 | 33445566 | 6.25 | 2024-01-01 | 85000.00 | 0.88 |
| 19 | 19 | 10111213 | 7.69 | 2023-11-01 | 70000.00 | 0.88 |
| 20 | 20 | 14151617 | 4.54 | 2024-01-01 | 230000.00 | 0.88 |
| 21 | 21 | 18192021 | 8.33 | 2024-01-01 | 650000.00 | 0.88 |
| 22 | 22 | 22232425 | 5.00 | 2024-01-01 | 42000.00 | 0.88 |
| 23 | 23 | 26272829 | 6.66 | 2024-01-01 | 160000.00 | 0.88 |
| 24 | 24 | 30313233 | 4.00 | 2024-01-01 | 260000.00 | 0.88 |
| 25 | 25 | 34353637 | 7.14 | 2024-01-01 | 750000.00 | 0.88 |
| 26 | 26 | 38394041 | 6.66 | 2024-01-01 | 48000.00 | 0.88 |

# Invested Value Table

| | Date | PID | Phone | Amount |
|---|---|---|---|---|
| 1 | 2024-01-01 | 1 | 12345678 | 55000.00 |
| 2 | 2024-01-01 | 2 | 98765432 | 200000.00 |
| 3 | 2024-01-01 | 3 | 55512345 | 400000.00 |
| 4 | 2024-01-01 | 4 | 11223344 | 30000.00 |
| 5 | 2024-01-01 | 5 | 66778899 | 100000.00 |
| 6 | 2024-01-01 | 6 | 44556677 | 180000.00 |
| 7 | 2024-01-01 | 7 | 88990011 | 500000.00 |
| 8 | 2024-01-01 | 8 | 22334455 | 35000.00 |
| 9 | 2024-01-01 | 9 | 77889900 | 120000.00 |
| 10 | 2024-01-01 | 10 | 33445566 | 90000.00 |
| 11 | 2024-01-01 | 11 | 12345678 | 25000.00 |
| 12 | 2024-01-01 | 12 | 98765432 | 150000.00 |
| 13 | 2024-01-01 | 13 | 11223344 | 20000.00 |
| 14 | 2024-01-01 | 14 | 66778899 | 80000.00 |
| 15 | 2024-01-01 | 15 | 44556677 | 160000.00 |
| 16 | 2024-01-01 | 16 | 22334455 | 30000.00 |
| 17 | 2024-01-01 | 17 | 77889900 | 100000.00 |
| 18 | 2024-01-01 | 18 | 33445566 | 80000.00 |
| 19 | 2024-01-01 | 19 | 10111213 | 65000.00 |
| 20 | 2024-01-01 | 20 | 14151617 | 220000.00 |
| 21 | 2024-01-01 | 21 | 18192021 | 600000.00 |
| 22 | 2024-01-01 | 22 | 22232425 | 40000.00 |
| 23 | 2024-01-01 | 23 | 26272829 | 150000.00 |
| 24 | 2024-01-01 | 24 | 30313233 | 250000.00 |
| 25 | 2024-01-01 | 25 | 34353637 | 700000.00 |
| 26 | 2024-01-01 | 26 | 38394041 | 45000.00 |
| 27 | 2024-02-01 | 1 | 12345678 | 55000.00 |
| 28 | 2024-02-01 | 2 | 98765432 | 200000.00 |
| 29 | 2024-02-01 | 3 | 55512345 | 400000.00 |
| 30 | 2024-02-01 | 4 | 11223344 | 30000.00 |
| 31 | 2024-02-01 | 5 | 66778899 | 100000.00 |
| 32 | 2024-02-01 | 6 | 44556677 | 180000.00 |
| 33 | 2024-02-01 | 7 | 88990011 | 500000.00 |
| 34 | 2024-02-01 | 8 | 22334455 | 35000.00 |
| 35 | 2024-02-01 | 9 | 77889900 | 120000.00 |
| 36 | 2024-02-01 | 10 | 33445566 | 90000.00 |
| 37 | 2024-02-01 | 11 | 12345678 | 25000.00 |
| 38 | 2024-02-01 | 12 | 98765432 | 150000.00 |
| 39 | 2024-02-01 | 13 | 11223344 | 20000.00 |
| 40 | 2024-02-01 | 14 | 66778899 | 80000.00 |
| 41 | 2024-02-01 | 15 | 44556677 | 160000.00 |

| | Date | PID | Phone | Amount |
|---|---|---|---|---|
| 41 | 2024-02-01 | 15 | 44556677 | 160000.00 |
| 42 | 2024-02-01 | 16 | 22334455 | 30000.00 |
| 43 | 2024-02-01 | 17 | 77889900 | 100000.00 |
| 44 | 2024-02-01 | 18 | 33445566 | 80000.00 |
| 45 | 2024-02-01 | 19 | 10111213 | 65000.00 |
| 46 | 2024-02-01 | 20 | 14151617 | 220000.00 |
| 47 | 2024-02-01 | 21 | 18192021 | 600000.00 |
| 48 | 2024-02-01 | 22 | 22232425 | 40000.00 |
| 49 | 2024-02-01 | 23 | 26272829 | 150000.00 |
| 50 | 2024-02-01 | 24 | 30313233 | 250000.00 |
| 51 | 2024-02-01 | 25 | 34353637 | 700000.00 |
| 52 | 2024-02-01 | 26 | 38394041 | 45000.00 |
| 53 | 2024-03-01 | 1 | 12345678 | 55000.00 |
| 54 | 2024-03-01 | 2 | 98765432 | 200000.00 |
| 55 | 2024-03-01 | 3 | 55512345 | 400000.00 |
| 56 | 2024-03-01 | 4 | 11223344 | 30000.00 |
| 57 | 2024-03-01 | 5 | 66778899 | 100000.00 |
| 58 | 2024-03-01 | 6 | 44556677 | 180000.00 |
| 59 | 2024-03-01 | 7 | 88990011 | 500000.00 |
| 60 | 2024-03-01 | 8 | 22334455 | 35000.00 |
| 61 | 2024-03-01 | 9 | 77889900 | 120000.00 |
| 62 | 2024-03-01 | 10 | 33445566 | 90000.00 |
| 63 | 2024-03-01 | 11 | 12345678 | 25000.00 |
| 64 | 2024-03-01 | 12 | 98765432 | 150000.00 |
| 65 | 2024-03-01 | 13 | 11223344 | 20000.00 |
| 66 | 2024-03-01 | 14 | 66778899 | 80000.00 |
| 67 | 2024-03-01 | 15 | 44556677 | 160000.00 |
| 68 | 2024-03-01 | 16 | 22334455 | 30000.00 |
| 69 | 2024-03-01 | 17 | 77889900 | 100000.00 |
| 70 | 2024-03-01 | 18 | 33445566 | 80000.00 |
| 71 | 2024-03-01 | 19 | 10111213 | 65000.00 |
| 72 | 2024-03-01 | 20 | 14151617 | 220000.00 |
| 73 | 2024-03-01 | 21 | 18192021 | 600000.00 |
| 74 | 2024-03-01 | 22 | 22232425 | 40000.00 |
| 75 | 2024-03-01 | 23 | 26272829 | 150000.00 |
| 76 | 2024-03-01 | 24 | 30313233 | 250000.00 |
| 77 | 2024-03-01 | 25 | 34353637 | 700000.00 |
| 78 | 2024-03-01 | 26 | 38394041 | 45000.00 |
| 79 | 2024-04-01 | 1 | 12345678 | 55000.00 |
| 80 | 2024-04-01 | 5 | 66778899 | 100000.00 |
| 81 | 2024-04-01 | 9 | 77889900 | 40000.00 |

| | Date | PID | Phone | Amount |
|---|---|---|---|---|
| 82 | 2024-04-01 | 10 | 33445566 | 90000.00 |
| 83 | 2024-04-01 | 15 | 44556677 | 160000.00 |
| 84 | 2024-04-01 | 20 | 14151617 | 220000.00 |
| 85 | 2024-04-05 | 4 | 11223344 | 10000.00 |
| 86 | 2024-04-10 | 7 | 88990011 | 500000.00 |
| 87 | 2024-04-10 | 9 | 77889900 | 40000.00 |
| 88 | 2024-04-15 | 2 | 98765432 | 200000.00 |
| 89 | 2024-04-15 | 4 | 11223344 | 10000.00 |
| 90 | 2024-04-20 | 3 | 55512345 | 400000.00 |
| 91 | 2024-04-20 | 9 | 77889900 | 40000.00 |
| 92 | 2024-04-25 | 4 | 11223344 | 10000.00 |
| 93 | 2024-04-25 | 18 | 33445566 | 80000.00 |
| 94 | 2024-05-01 | 1 | 12345678 | 55000.00 |
| 95 | 2024-05-01 | 5 | 66778899 | 100000.00 |
| 96 | 2024-05-01 | 10 | 33445566 | 90000.00 |
| 97 | 2024-05-01 | 15 | 44556677 | 160000.00 |
| 98 | 2024-05-01 | 20 | 14151617 | 220000.00 |
| 99 | 2024-05-05 | 9 | 77889900 | 120000.00 |
| 100 | 2024-05-10 | 3 | 55512345 | 400000.00 |
| 101 | 2024-05-10 | 4 | 11223344 | 15000.00 |
| 102 | 2024-05-12 | 18 | 33445566 | 80000.00 |
| 103 | 2024-05-20 | 4 | 11223344 | 15000.00 |
| 104 | 2024-05-20 | 7 | 88990011 | 500000.00 |
| 105 | 2024-05-25 | 2 | 98765432 | 200000.00 |
| 106 | 2024-06-01 | 1 | 12345678 | 55000.00 |
| 107 | 2024-06-01 | 5 | 66778899 | 100000.00 |
| 108 | 2024-06-01 | 10 | 33445566 | 90000.00 |
| 109 | 2024-06-01 | 15 | 44556677 | 160000.00 |
| 110 | 2024-06-01 | 20 | 14151617 | 220000.00 |
| 111 | 2024-06-03 | 4 | 11223344 | 30000.00 |
| 112 | 2024-06-10 | 2 | 98765432 | 200000.00 |
| 113 | 2024-06-15 | 9 | 77889900 | 80000.00 |
| 114 | 2024-06-18 | 18 | 33445566 | 80000.00 |
| 115 | 2024-06-25 | 7 | 88990011 | 500000.00 |
| 116 | 2024-06-25 | 9 | 77889900 | 40000.00 |
| 117 | 2024-06-30 | 3 | 55512345 | 400000.00 |
| 118 | 2024-07-01 | 1 | 12345678 | 55000.00 |
| 119 | 2024-07-01 | 5 | 66778899 | 100000.00 |
| 120 | 2024-07-01 | 9 | 77889900 | 120000.00 |
| 121 | 2024-07-01 | 10 | 33445566 | 90000.00 |
| 122 | 2024-07-01 | 15 | 44556677 | 160000.00 |

| | Date | PID | Phone | Amount |
|---|---|---|---|---|
| 123 | 2024-07-01 | 20 | 14151617 | 220000.00 |
| 124 | 2024-07-12 | 4 | 11223344 | 15000.00 |
| 125 | 2024-07-12 | 7 | 88990011 | 500000.00 |
| 126 | 2024-07-15 | 3 | 55512345 | 400000.00 |
| 127 | 2024-07-28 | 4 | 11223344 | 15000.00 |
| 128 | 2024-07-30 | 18 | 33445566 | 80000.00 |
| 129 | 2024-07-31 | 2 | 98765432 | 200000.00 |
| 130 | 2024-08-01 | 1 | 12345678 | 55000.00 |
| 131 | 2024-08-01 | 5 | 66778899 | 100000.00 |
| 132 | 2024-08-01 | 6 | 44556677 | 90000.00 |
| 133 | 2024-08-01 | 10 | 33445566 | 90000.00 |
| 134 | 2024-08-01 | 15 | 44556677 | 160000.00 |
| 135 | 2024-08-01 | 20 | 14151617 | 220000.00 |
| 136 | 2024-08-10 | 9 | 77889900 | 60000.00 |
| 137 | 2024-08-10 | 18 | 33445566 | 80000.00 |
| 138 | 2024-08-12 | 2 | 98765432 | 200000.00 |
| 139 | 2024-08-15 | 6 | 44556677 | 90000.00 |
| 140 | 2024-08-20 | 9 | 77889900 | 60000.00 |
| 141 | 2024-08-22 | 3 | 55512345 | 400000.00 |
| 142 | 2024-08-30 | 7 | 88990011 | 500000.00 |
| 143 | 2024-09-01 | 1 | 12345678 | 55000.00 |
| 144 | 2024-09-01 | 5 | 66778899 | 100000.00 |
| 145 | 2024-09-01 | 9 | 77889900 | 120000.00 |
| 146 | 2024-09-01 | 10 | 33445566 | 90000.00 |
| 147 | 2024-09-01 | 15 | 44556677 | 160000.00 |
| 148 | 2024-09-01 | 20 | 14151617 | 220000.00 |
| 149 | 2024-09-08 | 3 | 55512345 | 400000.00 |
| 150 | 2024-09-08 | 6 | 44556677 | 60000.00 |
| 151 | 2024-09-18 | 7 | 88990011 | 500000.00 |
| 152 | 2024-09-20 | 2 | 98765432 | 200000.00 |
| 153 | 2024-09-22 | 6 | 44556677 | 60000.00 |
| 154 | 2024-09-22 | 18 | 33445566 | 80000.00 |
| 155 | 2024-10-01 | 1 | 12345678 | 55000.00 |
| 156 | 2024-10-01 | 5 | 66778899 | 100000.00 |
| 157 | 2024-10-01 | 10 | 33445566 | 90000.00 |
| 158 | 2024-10-01 | 15 | 44556677 | 160000.00 |
| 159 | 2024-10-01 | 20 | 14151617 | 220000.00 |
| 160 | 2024-10-02 | 6 | 44556677 | 180000.00 |
| 161 | 2024-10-05 | 7 | 88990011 | 500000.00 |
| 162 | 2024-10-15 | 11 | 12345678 | 12500.00 |
| 163 | 2024-10-15 | 18 | 33445566 | 80000.00 |

| 164 | 2024-10-18 | 2 | 98765432 | 200000.00 |
| 165 | 2024-10-25 | 3 | 55512345 | 400000.00 |
| 166 | 2024-10-25 | 11 | 12345678 | 12500.00 |
| 167 | 2024-11-01 | 1 | 12345678 | 55000.00 |
| 168 | 2024-11-01 | 5 | 66778899 | 100000.00 |
| 169 | 2024-11-01 | 10 | 33445566 | 90000.00 |
| 170 | 2024-11-01 | 15 | 44556677 | 160000.00 |
| 171 | 2024-11-01 | 20 | 14151617 | 220000.00 |
| 172 | 2024-11-05 | 11 | 12345678 | 25000.00 |
| 173 | 2024-11-08 | 18 | 33445566 | 80000.00 |
| 174 | 2024-11-10 | 6 | 44556677 | 180000.00 |
| 175 | 2024-11-12 | 3 | 55512345 | 400000.00 |
| 176 | 2024-11-20 | 6 | 44556677 | 180000.00 |
| 177 | 2024-11-22 | 7 | 88990011 | 500000.00 |
| 178 | 2024-11-28 | 2 | 98765432 | 200000.00 |
| 179 | 2024-12-01 | 1 | 12345678 | 55000.00 |
| 180 | 2024-12-01 | 5 | 66778899 | 100000.00 |
| 181 | 2024-12-01 | 6 | 44556677 | 120000.00 |
| 182 | 2024-12-01 | 10 | 33445566 | 90000.00 |
| 183 | 2024-12-01 | 15 | 44556677 | 160000.00 |
| 184 | 2024-12-01 | 20 | 14151617 | 220000.00 |
| 185 | 2024-12-05 | 2 | 98765432 | 200000.00 |
| 186 | 2024-12-15 | 6 | 44556677 | 60000.00 |
| 187 | 2024-12-15 | 7 | 88990011 | 500000.00 |
| 188 | 2024-12-20 | 11 | 12345678 | 25000.00 |
| 189 | 2024-12-28 | 18 | 33445566 | 80000.00 |
| 190 | 2024-12-31 | 3 | 55512345 | 400000.00 |

# Unrealized Gain and Loss

| | Date | PID | Phone | Amount |
|---|---|---|---|---|
| 1 | 2024-01-31 | 1 | 12345678 | 5000.00 |
| 2 | 2024-01-31 | 2 | 98765432 | 50000.00 |
| 3 | 2024-01-31 | 3 | 55512345 | 50000.00 |
| 4 | 2024-01-31 | 4 | 11223344 | 5000.00 |
| 5 | 2024-01-31 | 5 | 66778899 | 20000.00 |
| 6 | 2024-01-31 | 6 | 44556677 | 20000.00 |
| 7 | 2024-01-31 | 7 | 88990011 | 50000.00 |
| 8 | 2024-01-31 | 8 | 22334455 | 5000.00 |
| 9 | 2024-01-31 | 9 | 77889900 | 10000.00 |
| 10 | 2024-01-31 | 10 | 33445566 | 5000.00 |
| 11 | 2024-01-31 | 11 | 12345678 | -2000.00 |
| 12 | 2024-01-31 | 12 | 98765432 | 10000.00 |
| 13 | 2024-01-31 | 14 | 66778899 | 10000.00 |
| 14 | 2024-01-31 | 15 | 44556677 | 10000.00 |
| 15 | 2024-01-31 | 16 | 22334455 | 2000.00 |
| 16 | 2024-01-31 | 17 | 77889900 | 10000.00 |
| 17 | 2024-01-31 | 18 | 33445566 | 5000.00 |
| 18 | 2024-01-31 | 19 | 10111213 | 5000.00 |
| 19 | 2024-01-31 | 20 | 14151617 | 10000.00 |
| 20 | 2024-01-31 | 21 | 18192021 | 50000.00 |
| 21 | 2024-01-31 | 22 | 22232425 | 2000.00 |
| 22 | 2024-01-31 | 23 | 26272829 | 10000.00 |
| 23 | 2024-01-31 | 24 | 30313233 | 10000.00 |
| 24 | 2024-01-31 | 25 | 34353637 | 50000.00 |
| 25 | 2024-01-31 | 26 | 38394041 | -3000.00 |
| 26 | 2024-02-29 | 1 | 12345678 | 5000.00 |
| 27 | 2024-02-29 | 2 | 98765432 | 50000.00 |
| 28 | 2024-02-29 | 3 | 55512345 | 50000.00 |
| 29 | 2024-02-29 | 4 | 11223344 | 5000.00 |
| 30 | 2024-02-29 | 5 | 66778899 | 20000.00 |
| 31 | 2024-02-29 | 6 | 44556677 | 20000.00 |
| 32 | 2024-02-29 | 7 | 88990011 | 50000.00 |
| 33 | 2024-02-29 | 8 | 22334455 | 5000.00 |
| 34 | 2024-02-29 | 9 | 77889900 | 10000.00 |
| 35 | 2024-02-29 | 10 | 33445566 | 5000.00 |
| 36 | 2024-02-29 | 11 | 12345678 | -2000.00 |
| 37 | 2024-02-29 | 12 | 98765432 | 10000.00 |
| 38 | 2024-02-29 | 13 | 11223344 | 2000.00 |
| 39 | 2024-02-29 | 14 | 66778899 | 10000.00 |
| 40 | 2024-02-29 | 15 | 44556677 | 10000.00 |
| 41 | 2024-02-29 | 16 | 22334455 | 2000.00 |

| | | | | |
|---|---|---|---|---|
| 41 | 2024-02-29 | 16 | 22334455 | 2000.00 |
| 42 | 2024-02-29 | 17 | 77889900 | 10000.00 |
| 43 | 2024-02-29 | 18 | 33445566 | 5000.00 |
| 44 | 2024-02-29 | 19 | 10111213 | 5000.00 |
| 45 | 2024-02-29 | 20 | 14151617 | 10000.00 |
| 46 | 2024-02-29 | 21 | 18192021 | 50000.00 |
| 47 | 2024-02-29 | 22 | 22232425 | 2000.00 |
| 48 | 2024-02-29 | 23 | 26272829 | 10000.00 |
| 49 | 2024-02-29 | 24 | 30313233 | 10000.00 |
| 50 | 2024-02-29 | 25 | 34353637 | 50000.00 |
| 51 | 2024-02-29 | 26 | 38394041 | -3000.00 |
| 52 | 2024-03-31 | 1 | 12345678 | 5000.00 |
| 53 | 2024-03-31 | 2 | 98765432 | 50000.00 |
| 54 | 2024-03-31 | 3 | 55512345 | 50000.00 |
| 55 | 2024-03-31 | 4 | 11223344 | 5000.00 |
| 56 | 2024-03-31 | 5 | 66778899 | 20000.00 |
| 57 | 2024-03-31 | 6 | 44556677 | 20000.00 |
| 58 | 2024-03-31 | 7 | 88990011 | 50000.00 |
| 59 | 2024-03-31 | 8 | 22334455 | 5000.00 |
| 60 | 2024-03-31 | 9 | 77889900 | 10000.00 |
| 61 | 2024-03-31 | 10 | 33445566 | 5000.00 |
| 62 | 2024-03-31 | 11 | 12345678 | -2000.00 |
| 63 | 2024-03-31 | 12 | 98765432 | 10000.00 |
| 64 | 2024-03-31 | 13 | 11223344 | 2000.00 |
| 65 | 2024-03-31 | 14 | 66778899 | 10000.00 |
| 66 | 2024-03-31 | 15 | 44556677 | 10000.00 |
| 67 | 2024-03-31 | 16 | 22334455 | 2000.00 |
| 68 | 2024-03-31 | 17 | 77889900 | 10000.00 |
| 69 | 2024-03-31 | 18 | 33445566 | 5000.00 |
| 70 | 2024-03-31 | 19 | 10111213 | 5000.00 |
| 71 | 2024-03-31 | 20 | 14151617 | 10000.00 |
| 72 | 2024-03-31 | 21 | 18192021 | 50000.00 |
| 73 | 2024-03-31 | 22 | 22232425 | 2000.00 |
| 74 | 2024-03-31 | 23 | 26272829 | 10000.00 |
| 75 | 2024-03-31 | 24 | 30313233 | 10000.00 |
| 76 | 2024-03-31 | 25 | 34353637 | 50000.00 |
| 77 | 2024-03-31 | 26 | 38394041 | -3000.00 |
| 78 | 2024-05-01 | 14 | 66778899 | -50000.... |

## Asset Table

| | AssetID | Name | Price |
|---|---|---|---|
| 1 | 1 | Apple Inc. (AAPL) | 180.00 |
| 2 | 2 | Microsoft Corp. (MSFT) | 350.00 |
| 3 | 3 | Tesla Inc. (TSLA) | 250.00 |
| 4 | 4 | 10-Year Treasury Note (TMUBMUSD10Y) | 100.00 |
| 5 | 5 | iShares iBoxx $ High Yield Corporate (HYG) | 85.00 |
| 6 | 6 | SPDR Bloomberg Convertible Securities (CWB) | 50.00 |
| 7 | 7 | Vanguard S&P 500 ETF (VOO) | 450.00 |
| 8 | 8 | iShares Core MSCI Emerging Markets ETF (IEMG) | 55.00 |
| 9 | 9 | Schwab US Small-Cap ETF (SCHA) | 80.00 |

## Stock Table

| | AssetID | PERatio | EPS | EBITDA |
|---|---|---|---|---|
| 1 | 1 | 30.00 | 6.00 | 110000000000.00 |
| 2 | 2 | 35.00 | 10.00 | 90000000000.00 |
| 3 | 3 | 80.00 | 3.00 | 15000000000.00 |

## Bond Table

| | AssetID | InterestRate | MaturityDate |
|---|---|---|---|
| 1 | 4 | 4.50 | 2034-01-01 |
| 2 | 5 | 6.00 | 2030-06-01 |
| 3 | 6 | 3.00 | 2028-12-01 |

## Fund Table

| | AssetID | ExpenseRatio | DividendYield |
|---|---|---|---|
| 1 | 7 | 0.03 | 1.50 |
| 2 | 8 | 0.14 | 2.80 |
| 3 | 9 | 0.06 | 1.20 |

# Stock In Portfolio Table

| | ID | PID | Phone | StartDate | AllocationRatio | PostTradeCO | AssetID |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 12345678 | 2024-01-01 | 0.30 | Saxo | 1 |
| 2 | 2 | 1 | 12345678 | 2024-01-01 | 0.20 | Clearstream | 2 |
| 3 | 3 | 2 | 98765432 | 2024-01-01 | 0.40 | Interactive Brokers | 3 |
| 4 | 4 | 2 | 98765432 | 2024-01-01 | 0.60 | Saxo | 1 |
| 5 | 5 | 3 | 55512345 | 2024-01-01 | 0.50 | Clearstream | 2 |
| 6 | 6 | 4 | 11223344 | 2024-01-01 | 0.70 | Interactive Brokers | 3 |
| 7 | 7 | 4 | 11223344 | 2024-01-01 | 0.30 | Saxo | 1 |
| 8 | 8 | 5 | 66778899 | 2024-01-01 | 0.60 | Clearstream | 2 |
| 9 | 9 | 5 | 66778899 | 2024-01-01 | 0.40 | Interactive Brokers | 3 |
| 10 | 10 | 6 | 44556677 | 2024-01-01 | 0.80 | Saxo | 1 |
| 11 | 11 | 6 | 44556677 | 2024-01-01 | 0.20 | Clearstream | 2 |
| 12 | 12 | 7 | 88990011 | 2024-01-01 | 0.50 | Interactive Brokers | 3 |
| 13 | 13 | 8 | 22334455 | 2024-01-01 | 0.50 | Saxo | 1 |
| 14 | 14 | 8 | 22334455 | 2024-01-01 | 0.50 | Clearstream | 2 |
| 15 | 15 | 9 | 77889900 | 2024-01-01 | 0.40 | Interactive Brokers | 3 |
| 16 | 16 | 9 | 77889900 | 2024-01-01 | 0.60 | Saxo | 1 |
| 17 | 17 | 10 | 33445566 | 2024-01-01 | 0.80 | Clearstream | 2 |
| 18 | 18 | 10 | 33445566 | 2024-01-01 | 0.20 | Interactive Brokers | 3 |
| 19 | 19 | 11 | 12345678 | 2024-01-01 | 0.60 | Saxo | 1 |
| 20 | 20 | 11 | 12345678 | 2024-01-01 | 0.40 | Clearstream | 2 |
| 21 | 21 | 12 | 98765432 | 2024-01-01 | 0.50 | Interactive Brokers | 3 |
| 22 | 22 | 12 | 98765432 | 2024-01-01 | 0.50 | Saxo | 1 |
| 23 | 23 | 13 | 11223344 | 2024-01-01 | 0.70 | Clearstream | 2 |
| 24 | 24 | 13 | 11223344 | 2024-01-01 | 0.30 | Interactive Brokers | 3 |
| 25 | 25 | 14 | 66778899 | 2024-01-01 | 0.60 | Saxo | 1 |
| 26 | 26 | 14 | 66778899 | 2024-01-01 | 0.40 | Clearstream | 2 |
| 27 | 27 | 15 | 44556677 | 2024-01-01 | 0.80 | Interactive Brokers | 3 |
| 28 | 28 | 15 | 44556677 | 2024-01-01 | 0.20 | Saxo | 1 |
| 29 | 29 | 16 | 22334455 | 2024-01-01 | 0.50 | Clearstream | 2 |
| 30 | 30 | 16 | 22334455 | 2024-01-01 | 0.50 | Interactive Brokers | 3 |
| 31 | 31 | 17 | 77889900 | 2024-01-01 | 0.40 | Saxo | 1 |
| 32 | 32 | 17 | 77889900 | 2024-01-01 | 0.60 | Clearstream | 2 |
| 33 | 33 | 18 | 33445566 | 2024-01-01 | 0.80 | Interactive Brokers | 3 |
| 34 | 34 | 18 | 33445566 | 2024-01-01 | 0.20 | Saxo | 1 |

# Bond In Portfolio Table

| | ID | PID | Phone | StartDate | AllocationRatio | PostTradeCO | AssetID |
|---|---|---|---|---|---|---|---|
| 1 | 35 | 1 | 12345678 | 2024-01-01 | 0.25 | Saxo | 4 |
| 2 | 36 | 1 | 12345678 | 2024-01-01 | 0.25 | Clearstream | 5 |
| 3 | 37 | 2 | 98765432 | 2024-01-01 | 0.30 | Interactive Brokers | 6 |
| 4 | 38 | 2 | 98765432 | 2024-01-01 | 0.20 | Saxo | 4 |
| 5 | 39 | 3 | 55512345 | 2024-01-01 | 0.50 | Clearstream | 5 |
| 6 | 40 | 4 | 11223344 | 2024-01-01 | 0.60 | Interactive Brokers | 6 |
| 7 | 41 | 4 | 11223344 | 2024-01-01 | 0.40 | Saxo | 4 |
| 8 | 42 | 5 | 66778899 | 2024-01-01 | 0.30 | Clearstream | 5 |
| 9 | 43 | 5 | 66778899 | 2024-01-01 | 0.70 | Interactive Brokers | 6 |
| 10 | 44 | 6 | 44556677 | 2024-01-01 | 0.90 | Saxo | 4 |
| 11 | 45 | 6 | 44556677 | 2024-01-01 | 0.10 | Clearstream | 5 |
| 12 | 46 | 7 | 88990011 | 2024-01-01 | 0.60 | Interactive Brokers | 6 |
| 13 | 47 | 8 | 22334455 | 2024-01-01 | 0.80 | Saxo | 4 |
| 14 | 48 | 8 | 22334455 | 2024-01-01 | 0.20 | Clearstream | 5 |
| 15 | 49 | 9 | 77889900 | 2024-01-01 | 0.40 | Interactive Brokers | 6 |
| 16 | 50 | 9 | 77889900 | 2024-01-01 | 0.60 | Saxo | 4 |
| 17 | 51 | 10 | 33445566 | 2024-01-01 | 0.70 | Clearstream | 5 |
| 18 | 52 | 10 | 33445566 | 2024-01-01 | 0.30 | Interactive Brokers | 6 |
| 19 | 53 | 11 | 12345678 | 2024-01-01 | 0.50 | Saxo | 4 |
| 20 | 54 | 11 | 12345678 | 2024-01-01 | 0.50 | Clearstream | 5 |
| 21 | 55 | 12 | 98765432 | 2024-01-01 | 0.60 | Interactive Brokers | 6 |
| 22 | 56 | 12 | 98765432 | 2024-01-01 | 0.40 | Saxo | 4 |
| 23 | 57 | 13 | 11223344 | 2024-01-01 | 0.80 | Clearstream | 5 |
| 24 | 58 | 13 | 11223344 | 2024-01-01 | 0.20 | Interactive Brokers | 6 |
| 25 | 59 | 14 | 66778899 | 2024-01-01 | 0.70 | Saxo | 4 |
| 26 | 60 | 14 | 66778899 | 2024-01-01 | 0.30 | Clearstream | 5 |
| 27 | 61 | 15 | 44556677 | 2024-01-01 | 0.50 | Interactive Brokers | 6 |
| 28 | 62 | 15 | 44556677 | 2024-01-01 | 0.50 | Saxo | 4 |
| 29 | 63 | 16 | 22334455 | 2024-01-01 | 0.90 | Clearstream | 5 |
| 30 | 64 | 16 | 22334455 | 2024-01-01 | 0.10 | Interactive Brokers | 6 |
| 31 | 65 | 17 | 77889900 | 2024-01-01 | 0.60 | Saxo | 4 |
| 32 | 66 | 17 | 77889900 | 2024-01-01 | 0.40 | Clearstream | 5 |
| 33 | 67 | 18 | 33445566 | 2024-01-01 | 0.80 | Interactive Brokers | 6 |
| 34 | 68 | 18 | 33445566 | 2024-01-01 | 0.20 | Saxo | 4 |

# Fund In Portfolio Table

| | ID | PID | Phone | StartDate | AllocationRatio | PostTradeCO | AssetID |
|---|---|---|---|---|---|---|---|
| 1 | 69 | 1 | 12345678 | 2024-01-01 | 0.45 | Saxo | 7 |
| 2 | 70 | 1 | 12345678 | 2024-01-01 | 0.25 | Clearstream | 8 |
| 3 | 71 | 2 | 98765432 | 2024-01-01 | 0.30 | Interactive Brokers | 9 |
| 4 | 72 | 3 | 55512345 | 2024-01-01 | 0.50 | Clearstream | 7 |
| 5 | 73 | 4 | 11223344 | 2024-01-01 | 0.60 | Interactive Brokers | 8 |
| 6 | 74 | 5 | 66778899 | 2024-01-01 | 0.70 | Clearstream | 9 |
| 7 | 75 | 6 | 44556677 | 2024-01-01 | 0.80 | Saxo | 7 |
| 8 | 76 | 7 | 88990011 | 2024-01-01 | 0.90 | Interactive Brokers | 8 |
| 9 | 77 | 8 | 22334455 | 2024-01-01 | 0.30 | Saxo | 9 |
| 10 | 78 | 9 | 77889900 | 2024-01-01 | 0.40 | Interactive Brokers | 7 |
| 11 | 79 | 10 | 33445566 | 2024-01-01 | 0.50 | Clearstream | 8 |
| 12 | 80 | 11 | 12345678 | 2024-01-01 | 0.60 | Saxo | 9 |
| 13 | 81 | 12 | 98765432 | 2024-01-01 | 0.70 | Interactive Brokers | 7 |
| 14 | 82 | 13 | 11223344 | 2024-01-01 | 0.80 | Clearstream | 8 |
| 15 | 83 | 14 | 66778899 | 2024-01-01 | 0.90 | Saxo | 9 |
| 16 | 84 | 15 | 44556677 | 2024-01-01 | 0.30 | Interactive Brokers | 7 |
| 17 | 85 | 16 | 22334455 | 2024-01-01 | 0.40 | Clearstream | 8 |
| 18 | 86 | 17 | 77889900 | 2024-01-01 | 0.50 | Saxo | 9 |
| 19 | 87 | 18 | 33445566 | 2024-01-01 | 0.60 | Interactive Brokers | 7 |
| 20 | 88 | 19 | 10111213 | 2024-01-01 | 0.70 | Saxo | 7 |
| 21 | 89 | 20 | 14151617 | 2024-01-01 | 0.80 | Clearstream | 8 |
| 22 | 90 | 21 | 18192021 | 2024-01-01 | 0.90 | Interactive Brokers | 9 |
| 23 | 91 | 22 | 22232425 | 2024-01-01 | 0.30 | Saxo | 7 |
| 24 | 92 | 22 | 22232425 | 2024-01-01 | 0.40 | Clearstream | 8 |
| 25 | 93 | 23 | 26272829 | 2024-01-01 | 0.50 | Interactive Brokers | 9 |
| 26 | 94 | 24 | 30313233 | 2024-01-01 | 0.60 | Saxo | 7 |
| 27 | 95 | 25 | 34353637 | 2024-01-01 | 0.70 | Clearstream | 8 |
| 28 | 96 | 26 | 38394041 | 2024-01-01 | 0.80 | Interactive Brokers | 9 |

## Stock Transaction Table

| | ID | PID | Phone | StartDate | AllocationRatio | PostTradeCO | AssetID |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 12345678 | 2024-01-01 | 0.30 | Saxo | 1 |
| 2 | 2 | 1 | 12345678 | 2024-01-01 | 0.20 | Clearstream | 2 |
| 3 | 3 | 2 | 98765432 | 2024-01-01 | 0.40 | Interactive Brokers | 3 |
| 4 | 4 | 2 | 98765432 | 2024-01-01 | 0.60 | Saxo | 1 |
| 5 | 5 | 3 | 55512345 | 2024-01-01 | 0.50 | Clearstream | 2 |
| 6 | 6 | 4 | 11223344 | 2024-01-01 | 0.70 | Interactive Brokers | 3 |
| 7 | 7 | 4 | 11223344 | 2024-01-01 | 0.30 | Saxo | 1 |
| 8 | 8 | 5 | 66778899 | 2024-01-01 | 0.60 | Clearstream | 2 |
| 9 | 9 | 5 | 66778899 | 2024-01-01 | 0.40 | Interactive Brokers | 3 |
| 10 | 10 | 6 | 44556677 | 2024-01-01 | 0.80 | Saxo | 1 |
| 11 | 11 | 6 | 44556677 | 2024-01-01 | 0.20 | Clearstream | 2 |
| 12 | 12 | 7 | 88990011 | 2024-01-01 | 0.50 | Interactive Brokers | 3 |
| 13 | 13 | 8 | 22334455 | 2024-01-01 | 0.50 | Saxo | 1 |
| 14 | 14 | 8 | 22334455 | 2024-01-01 | 0.50 | Clearstream | 2 |
| 15 | 15 | 9 | 77889900 | 2024-01-01 | 0.40 | Interactive Brokers | 3 |
| 16 | 16 | 9 | 77889900 | 2024-01-01 | 0.60 | Saxo | 1 |
| 17 | 17 | 10 | 33445566 | 2024-01-01 | 0.80 | Clearstream | 2 |
| 18 | 18 | 10 | 33445566 | 2024-01-01 | 0.20 | Interactive Brokers | 3 |
| 19 | 19 | 11 | 12345678 | 2024-01-01 | 0.60 | Saxo | 1 |
| 20 | 20 | 11 | 12345678 | 2024-01-01 | 0.40 | Clearstream | 2 |
| 21 | 21 | 12 | 98765432 | 2024-01-01 | 0.50 | Interactive Brokers | 3 |
| 22 | 22 | 12 | 98765432 | 2024-01-01 | 0.50 | Saxo | 1 |
| 23 | 23 | 13 | 11223344 | 2024-01-01 | 0.70 | Clearstream | 2 |
| 24 | 24 | 13 | 11223344 | 2024-01-01 | 0.30 | Interactive Brokers | 3 |
| 25 | 25 | 14 | 66778899 | 2024-01-01 | 0.60 | Saxo | 1 |
| 26 | 26 | 14 | 66778899 | 2024-01-01 | 0.40 | Clearstream | 2 |
| 27 | 27 | 15 | 44556677 | 2024-01-01 | 0.80 | Interactive Brokers | 3 |
| 28 | 28 | 15 | 44556677 | 2024-01-01 | 0.20 | Saxo | 1 |
| 29 | 29 | 16 | 22334455 | 2024-01-01 | 0.50 | Clearstream | 2 |
| 30 | 30 | 16 | 22334455 | 2024-01-01 | 0.50 | Interactive Brokers | 3 |
| 31 | 31 | 17 | 77889900 | 2024-01-01 | 0.40 | Saxo | 1 |
| 32 | 32 | 17 | 77889900 | 2024-01-01 | 0.60 | Clearstream | 2 |
| 33 | 33 | 18 | 33445566 | 2024-01-01 | 0.80 | Interactive Brokers | 3 |
| 34 | 34 | 18 | 33445566 | 2024-01-01 | 0.20 | Saxo | 1 |

# Bond Transaction Table

| | Date | BondInPortfolioID | Type | Fee |
|---|---|---|---|---|
| 1 | 2024-01-02 | 35 | Buy | 0.20 |
| 2 | 2024-01-02 | 36 | Buy | 0.20 |
| 3 | 2024-01-02 | 37 | Buy | 0.20 |
| 4 | 2024-01-02 | 38 | Buy | 0.20 |
| 5 | 2024-01-02 | 39 | Buy | 0.20 |
| 6 | 2024-01-02 | 40 | Buy | 0.20 |
| 7 | 2024-01-02 | 41 | Buy | 0.20 |
| 8 | 2024-01-02 | 42 | Buy | 0.20 |
| 9 | 2024-01-02 | 43 | Buy | 0.20 |
| 10 | 2024-01-02 | 44 | Buy | 0.20 |
| 11 | 2024-01-02 | 45 | Buy | 0.20 |
| 12 | 2024-01-02 | 46 | Buy | 0.20 |
| 13 | 2024-01-02 | 47 | Buy | 0.20 |
| 14 | 2024-01-02 | 48 | Buy | 0.20 |
| 15 | 2024-01-02 | 49 | Buy | 0.20 |
| 16 | 2024-01-02 | 50 | Buy | 0.20 |
| 17 | 2024-01-02 | 51 | Buy | 0.20 |
| 18 | 2024-01-02 | 52 | Buy | 0.20 |
| 19 | 2024-01-02 | 53 | Buy | 0.20 |
| 20 | 2024-01-02 | 54 | Buy | 0.20 |
| 21 | 2024-01-02 | 55 | Buy | 0.20 |
| 22 | 2024-01-02 | 56 | Buy | 0.20 |
| 23 | 2024-01-02 | 57 | Buy | 0.20 |
| 24 | 2024-01-02 | 58 | Buy | 0.20 |
| 25 | 2024-01-02 | 59 | Buy | 0.20 |
| 26 | 2024-01-02 | 60 | Buy | 0.20 |
| 27 | 2024-01-02 | 61 | Buy | 0.20 |
| 28 | 2024-01-02 | 62 | Buy | 0.20 |
| 29 | 2024-01-02 | 63 | Buy | 0.20 |
| 30 | 2024-01-02 | 64 | Buy | 0.20 |
| 31 | 2024-01-02 | 65 | Buy | 0.20 |
| 32 | 2024-01-02 | 66 | Buy | 0.20 |
| 33 | 2024-01-02 | 67 | Buy | 0.20 |
| 34 | 2024-01-02 | 68 | Buy | 0.20 |
| 35 | 2024-02-01 | 35 | Buy | 0.20 |
| 36 | 2024-02-01 | 36 | Buy | 0.20 |
| 37 | 2024-02-01 | 37 | Buy | 0.20 |
| 38 | 2024-02-01 | 38 | Buy | 0.20 |
| 39 | 2024-02-01 | 39 | Buy | 0.20 |
| 40 | 2024-02-01 | 40 | Buy | 0.20 |
| 41 | 2024-02-01 | 41 | Buy | 0.20 |

| | Date | BondInPortfolioID | Type | Fee |
|---|---|---|---|---|
| 42 | 2024-02-01 | 42 | Buy | 0.20 |
| 43 | 2024-02-01 | 43 | Buy | 0.20 |
| 44 | 2024-02-01 | 44 | Buy | 0.20 |
| 45 | 2024-02-01 | 45 | Buy | 0.20 |
| 46 | 2024-02-01 | 46 | Buy | 0.20 |
| 47 | 2024-02-01 | 47 | Buy | 0.20 |
| 48 | 2024-02-01 | 48 | Buy | 0.20 |
| 49 | 2024-02-01 | 49 | Buy | 0.20 |
| 50 | 2024-02-01 | 50 | Buy | 0.20 |
| 51 | 2024-02-01 | 51 | Buy | 0.20 |
| 52 | 2024-02-01 | 52 | Buy | 0.20 |
| 53 | 2024-02-01 | 53 | Buy | 0.20 |
| 54 | 2024-02-01 | 54 | Buy | 0.20 |
| 55 | 2024-02-01 | 55 | Buy | 0.20 |
| 56 | 2024-02-01 | 56 | Buy | 0.20 |
| 57 | 2024-02-01 | 57 | Buy | 0.20 |
| 58 | 2024-02-01 | 58 | Buy | 0.20 |
| 59 | 2024-02-01 | 59 | Buy | 0.20 |
| 60 | 2024-02-01 | 60 | Buy | 0.20 |
| 61 | 2024-02-01 | 61 | Buy | 0.20 |
| 62 | 2024-02-01 | 62 | Buy | 0.20 |
| 63 | 2024-02-01 | 63 | Buy | 0.20 |
| 64 | 2024-02-01 | 64 | Buy | 0.20 |
| 65 | 2024-02-01 | 65 | Buy | 0.20 |
| 66 | 2024-02-01 | 66 | Buy | 0.20 |
| 67 | 2024-02-01 | 67 | Buy | 0.20 |
| 68 | 2024-02-01 | 68 | Buy | 0.20 |
| 69 | 2024-03-01 | 35 | Buy | 0.20 |
| 70 | 2024-03-01 | 36 | Buy | 0.20 |
| 71 | 2024-03-01 | 37 | Buy | 0.20 |
| 72 | 2024-03-01 | 38 | Buy | 0.20 |
| 73 | 2024-03-01 | 39 | Buy | 0.20 |
| 74 | 2024-03-01 | 40 | Buy | 0.20 |
| 75 | 2024-03-01 | 41 | Buy | 0.20 |
| 76 | 2024-03-01 | 42 | Buy | 0.20 |
| 77 | 2024-03-01 | 43 | Buy | 0.20 |
| 78 | 2024-03-01 | 44 | Buy | 0.20 |
| 79 | 2024-03-01 | 45 | Buy | 0.20 |
| 80 | 2024-03-01 | 46 | Buy | 0.20 |
| 81 | 2024-03-01 | 47 | Buy | 0.20 |
| 82 | 2024-03-01 | 48 | Buy | 0.20 |

| 83  | 2024-03-01 | 49 | Buy | 0.20 |
| 84  | 2024-03-01 | 50 | Buy | 0.20 |
| 85  | 2024-03-01 | 51 | Buy | 0.20 |
| 86  | 2024-03-01 | 52 | Buy | 0.20 |
| 87  | 2024-03-01 | 53 | Buy | 0.20 |
| 88  | 2024-03-01 | 54 | Buy | 0.20 |
| 89  | 2024-03-01 | 55 | Buy | 0.20 |
| 90  | 2024-03-01 | 56 | Buy | 0.20 |
| 91  | 2024-03-01 | 57 | Buy | 0.20 |
| 92  | 2024-03-01 | 58 | Buy | 0.20 |
| 93  | 2024-03-01 | 59 | Buy | 0.20 |
| 94  | 2024-03-01 | 60 | Buy | 0.20 |
| 95  | 2024-03-01 | 61 | Buy | 0.20 |
| 96  | 2024-03-01 | 62 | Buy | 0.20 |
| 97  | 2024-03-01 | 63 | Buy | 0.20 |
| 98  | 2024-03-01 | 64 | Buy | 0.20 |
| 99  | 2024-03-01 | 65 | Buy | 0.20 |
| 100 | 2024-03-01 | 66 | Buy | 0.20 |
| 101 | 2024-03-01 | 67 | Buy | 0.20 |
| 102 | 2024-03-01 | 68 | Buy | 0.20 |

# Fund Transaction Table

| | Date | FundInPortfolioID | Type | Fee |
|---|---|---|---|---|
| 41 | 2024-02-01 | 81 | Buy | 0.20 |
| 42 | 2024-02-01 | 82 | Buy | 0.20 |
| 43 | 2024-02-01 | 83 | Buy | 0.20 |
| 44 | 2024-02-01 | 84 | Buy | 0.20 |
| 45 | 2024-02-01 | 85 | Buy | 0.20 |
| 46 | 2024-02-01 | 86 | Buy | 0.20 |
| 47 | 2024-02-01 | 87 | Buy | 0.20 |
| 48 | 2024-02-01 | 88 | Buy | 0.20 |
| 49 | 2024-02-01 | 89 | Buy | 0.20 |
| 50 | 2024-02-01 | 90 | Buy | 0.20 |
| 51 | 2024-02-01 | 91 | Buy | 0.20 |
| 52 | 2024-02-01 | 92 | Buy | 0.20 |
| 53 | 2024-02-01 | 93 | Buy | 0.20 |
| 54 | 2024-02-01 | 94 | Buy | 0.20 |
| 55 | 2024-02-01 | 95 | Buy | 0.20 |
| 56 | 2024-02-01 | 96 | Buy | 0.20 |
| 57 | 2024-03-01 | 69 | Buy | 0.20 |
| 58 | 2024-03-01 | 70 | Buy | 0.20 |
| 59 | 2024-03-01 | 71 | Buy | 0.20 |
| 60 | 2024-03-01 | 72 | Buy | 0.20 |
| 61 | 2024-03-01 | 73 | Buy | 0.20 |
| 62 | 2024-03-01 | 74 | Buy | 0.20 |
| 63 | 2024-03-01 | 75 | Buy | 0.20 |
| 64 | 2024-03-01 | 76 | Buy | 0.20 |
| 65 | 2024-03-01 | 77 | Buy | 0.20 |
| 66 | 2024-03-01 | 78 | Buy | 0.20 |
| 67 | 2024-03-01 | 79 | Buy | 0.20 |
| 68 | 2024-03-01 | 80 | Buy | 0.20 |
| 69 | 2024-03-01 | 81 | Buy | 0.20 |
| 70 | 2024-03-01 | 82 | Buy | 0.20 |
| 71 | 2024-03-01 | 83 | Buy | 0.20 |
| 72 | 2024-03-01 | 84 | Buy | 0.20 |
| 73 | 2024-03-01 | 85 | Buy | 0.20 |
| 74 | 2024-03-01 | 86 | Buy | 0.20 |
| 75 | 2024-03-01 | 87 | Buy | 0.20 |
| 76 | 2024-03-01 | 88 | Buy | 0.20 |
| 77 | 2024-03-01 | 89 | Buy | 0.20 |
| 78 | 2024-03-01 | 90 | Buy | 0.20 |
| 79 | 2024-03-01 | 91 | Buy | 0.20 |
| 80 | 2024-03-01 | 92 | Buy | 0.20 |
| 81 | 2024-03-01 | 93 | Buy | 0.20 |
| 82 | 2024-03-01 | 94 | Buy | 0.20 |
| 83 | 2024-03-01 | 95 | Buy | 0.20 |
| 84 | 2024-03-01 | 96 | Buy | 0.20 |