

DDL Commands

```
Create table INVESTOR
(Phone varchar(15) not null,
Name varchar(100) not null,
Gender char(1) not null,
DoB date not null,
AnnualIncome decimal(15,2),
Company varchar(100),
primary key (Phone)
);
```

```
Create table FINANCIAL_GOAL
(Phone varchar(15) not null,
Goal varchar (50) not null,
Amount decimal (15,2) not null,
Timeline date not null,
foreign key (Phone) REFERENCES INVESTOR(Phone)
on delete cascade
on update cascade
);
```

```
Create table RISK_LEVEL_MAPPING
(Q1 int not null,
Q2 int not null,
Q3 int not null,
Q4 int not null,
Q5 int not null,
Risk_Level varchar(20) not null
);
```

```
Create table RISK_TOLERANCE_ANSWERS
(
Phone varchar(15) not null,
Q1 int null,
Q2 int null,
Q3 int null,
Q4 int null,
Q5 int null,
primary key (Phone),
foreign key (Phone) references INVESTOR(Phone)
on delete cascade
on update cascade
);
```

```
Create table PORTFOLIO
(Phone varchar(15) not null,
PID int not null,
```

AnnualisedReturn decimal(15,2) not null,
InceptionDate date not null,
MarketValue decimal(15,2) not null,
Fee decimal(15,2) not null,
primary key (Phone, PID),
foreign key (Phone) references INVESTOR(Phone)
on delete cascade
on update cascade
);

Create table INVESTED_VALUE
(Phone varchar(15) not null,
PID int not null,
Date_Invested date not null,
Amount decimal(15,2) not null,
primary key (Phone, PID, Date_Invested),
foreign key (Phone) references INVESTOR(Phone)
on delete cascade
on update cascade,
foreign key (PID) references PORTFOLIO (PID)
on delete cascade
on update cascade
);

Create table UNREALISED_GAIN_LOSS
(Phone varchar(15) not null,
PID int not null,
Date_date not null,
Amount decimal(15,2) not null,
primary key (Phone, PID, Date_),
foreign key (Phone) references INVESTOR(Phone)
on delete cascade
on update cascade,
foreign key (PID) references PORTFOLIO (PID)
on delete cascade
on update cascade
);

Create table ASSET
(ID int not null,
Name varchar(100) not null,
Price decimal(15,2) not null,
primary key(ID)
);

Create table STOCK
(ID INT not null,

```
PE_ratio decimal (15,14) not null,  
EPS decimal (15,2) not null,  
EBITDA decimal (15,2) not null,  
foreign key(ID) REFERENCES ASSET(ID)  
on delete cascade  
on update cascade  
);
```

```
Create table BOND  
(ID INT not null,  
Interest_rate decimal (15,14) not null,  
Maturity_date date not null,  
foreign key(ID) REFERENCES ASSET(ID)  
on delete cascade  
on update cascade  
);
```

```
Create table FUND  
(ID INT not null,  
Expense_ratio decimal (15,14) not null,  
Dividend_yield decimal (15,2) not null,  
foreign key(ID) REFERENCES ASSET(ID)  
on delete cascade  
on update cascade  
);
```

```
Create table POSTTRADE_CO  
(ID INT not null,  
PostTrade_CO varchar(50) not null,  
primary key (ID)  
foreign key (ID) references ASSET(ID)  
on delete cascade,  
on update cascade  
);
```

```
Create table STOCK_IN_PORTFOLIO  
(Phone varchar(15) not null,  
PID INT not null,  
ID INT not null,  
Start_date date not null,  
Allocation_ratio decimal (15,2) not null,  
primary key (Phone, PID, ID),  
foreign key (ID) references ASSET (ID)  
on delete cascade  
on update cascade,  
foreign key (Phone, PID) references PORTFOLIO (Phone, PID)  
on delete cascade  
on update cascade
```

);

```
Create table BOND_IN_PORTFOLIO
(Phone varchar(15) not null,
PID INT not null,
ID INT not null,
Start_date date not null,
Allocation_ratio decimal (15,2) not null,
primary key (Phone, PID, ID),
foreign key (ID) references ASSET (ID)
on delete cascade
on update cascade,
foreign key (Phone, PID) references PORTFOLIO (Phone, PID)
on delete cascade
on update cascade
);
```

```
Create table FUND_IN_PORTFOLIO
(Phone varchar(15) not null,
PID INT not null,
ID INT not null,
Start_date date not null,
Allocation_ratio decimal (15,2) not null,
primary key (Phone, PID, ID),
foreign key (ID) references ASSET (ID)
on delete cascade
on update cascade,
foreign key (Phone, PID) references PORTFOLIO (Phone, PID)
on delete cascade
on update cascade
);
```

```
Create table TRANSACTION_
(Phone varchar(15) not null,
PID INT not null,
STOCK_ID INT,
BOND_ID INT,
FUND_ID INT,
Date_dateTime not null,
Type varchar(50) not null,
Fee decimal(15,2) not null,
primary key(Phone, PID, Date_),
foreign key(Phone, PID, STOCK_ID) references STOCK_IN_PORTFOLIO(Phone, PID, ID)
on delete no action
on update no action,
foreign key(Phone, PID, FUND_ID) references FUND_IN_PORTFOLIO(Phone, PID, ID)
on delete no action
```

```
on update no action,  
foreign key(Phone, PID, BOND_ID) references BOND_IN_PORTFOLIO(Phone, PID, ID)  
on delete no action  
on update no action,  
);
```

Appendix B Queries

1. Find investors who are making on average a loss across all their portfolios in 2024.

SQL Statements:

```
select I.Phone, Name, AVG(U.Amount) as Loss
from INVESTOR I, UNREALISED_GAIN_LOSS U
where I.Phone = U.Phone and year(U.Date_) = 2024
group by I.Phone, Name
having AVG(U.Amount)<0;
```

2. Find investors who are seeing an annualized return of more than 10% from their portfolios in 2024.

Assumptions:

The query is being run in 2025 such that the annualised return in the table is the value for 2024. The query should return investors where all their portfolios have an annualised return of more than or equal to 10%.

SQL Statements:

```
select distinct I.Phone, Name
from INVESTOR I, PORTFOLIO P
where I.Phone = P.Phone and I.Phone not in(select I.Phone
where AnnualisedReturn <= 0.1);
```

The subquery returns investors who have a portfolio with an annualised return of less than or equal to 10%. The outer query returns all investors excluding those investors.

3. Find the monthly average unrealized gain/loss of portfolios for each month in 2024.

Assumptions: The unrealised gain/loss of a portfolio is the sum of all unrealised gains/losses of that portfolio for the month.

SQL Statements:

```
select Month_, avg(Total_Gain_Loss) as Monthly_Avg_Gain_Loss
from (select I.Phone, PID, month(Date_) as Month_, sum(Amount) as Total_Gain_Loss
from INVESTOR I, UNREALISED_GAIN_LOSS U
where I.Phone = U.Phone and year(Date_) = 2024
group by I.Phone, PID, month(Date_)) as PORTFOLIO_MONTHLY
group by Month_;
```

The subquery returns the unrealised gain/loss of each portfolio for each month in 2024. The outer query groups the portfolios by month and takes the average unrealised gain/loss.

4. What is the top three most popular first financial goals for investors in 2024?

Assumptions:

Only financial goals whose timeline is in 2024 should be considered. A financial goal is considered the same if the Goal attribute is the same, even if Amount and Timeline are

different. If an investor has two earliest financial goals with the same timeline, both goals should be considered as first financial goals.

SQL Statements:

```
select Goal, count(Goal) as Popularity
from FINANCIAL_GOAL F, (select Phone, min(Timeline) as Timeline
from FINANCIAL_GOAL
where year(Timeline) = 2024
group by Phone) as FIRST
where F.Phone = FIRST.Phone and F.Timeline = FIRST.Timeline
group by Goal
order by Popularity desc;
```

The subquery returns all first financial goals for each investor for 2024. The outer query returns the counts of each goal and sorts the goals by descending count.

5. Find investors who consistently top up their investment at the beginning of every month (dollar-cost averaging) in 2024 for at least one of their portfolios.

Assumptions:

Beginning of every month means within the first five days of the month. Consistently means for every month of 2024.

SQL Statements:

```
select I.Phone, Name, PID, count(Month_) Counts
from INVESTOR I, (select distinct Phone, PID, month(Date_invested) as Month_
from INVESTED_VALUE
where day(Date_invested) <= 5 and year(Date_invested) = 2024) as MONTHS
where I.Phone = MONTHS.Phone
group by I.Phone, Name, PID
having count(Month_) = 12;
```

The subquery returns the months for which an investor topped up their investment at the beginning of the month, for each of their portfolios, in 2024. The outer query checks that the count of months is equal to 12.

6. Find the most popular financial goals for investors working in the same company and whose age is between 30 to 40 years old.

Assumptions:

The query should return the most popular financial goal for each company where there is at least one investor whose age is between 30 to 40 years old. A financial goal is considered the same if the Goal attribute is the same, even if Amount and Timeline are different.

SQL Statements:

```
select Company, max(Goal) as No1_Goal
from (select I.Company, F.Goal, count(*) as Counts
from INVESTOR I, FINANCIAL_GOAL F
```

where I.Phone = F.Phone and year(I.DoB)<=2024-30 and year(I.DoB)>=2024-40
group by I.Company, F.Goal) as GOAL_COUNTS
group by Company;

The subquery returns the counts of each goal for each company. The outer query groups the goals by company and gets the goal with the max count.

7. Are male investors in their 20s making more money from their investments than their female counterparts in 2024?

Assumptions:

The query should return the average money made for males and for females.

The money made refers to the unrealised gains/losses, and does not take into account the fee for realising the gains.

SQL Statements:

```
select Gender, avg(Money) as Avg_Money_Made
from (select I.Phone, Gender, sum(U.Amount) as Money
from INVESTOR I, UNREALISED_GAIN_LOSS U
where I.Phone = U.Phone and year(I.DoB)<=2024-20 and year(I.DoB)>=2024-30
group by I.Phone, Gender) as MONEY_EACH
group by Gender;
```

The subquery returns the total money made by each investor in all their portfolios for investors in their 20s to 30s. The outer query groups the investors by gender and takes the average of the money made.

Table Records

INVESTOR:

	Phone	Name	Gender	DoB	AnnualIncome	Company
1	+65 12345678	L	M	1993-06-02	40000.00	Company K
2	+65 12345679	Y	F	1994-08-14	180000.00	Company A
3	+65 12345680	R	M	1983-01-07	80000.00	Company O
4	+65 12345681	U	M	1989-07-22	70000.00	Company F
5	+65 12345682	G	F	1999-08-27	160000.00	Company C
6	+65 12345683	N	M	2003-03-29	140000.00	Company Y
7	+65 12345684	K	F	1984-08-04	150000.00	Company I
8	+65 12345685	S	M	1998-08-24	150000.00	Company U
9	+65 12345686	S	F	2000-08-08	90000.00	Company G
10	+65 12345687	U	F	1983-10-02	40000.00	Company R
11	+65 12345688	N	F	1993-12-02	110000.00	Company M
12	+65 12345689	J	M	2001-06-08	110000.00	Company N
13	+65 12345690	Y	M	1980-11-21	170000.00	Company R
14	+65 12345691	Q	F	2002-03-01	40000.00	Company V
15	+65 12345692	N	F	1985-10-10	40000.00	Company S
16	+65 12345693	Z	M	1981-08-06	140000.00	Company L
17	+65 12345694	Y	F	1984-07-28	120000.00	Company D
18	+65 12345695	M	M	2003-12-30	120000.00	Company V
19	+65 12345696	F	M	1997-02-27	80000.00	Company I
20	+65 12345697	R	M	1991-12-07	150000.00	Company U
21	+65 12345698	P	M	1992-07-22	90000.00	Company H
22	+65 12345699	Q	F	1987-01-05	150000.00	Company N
23	+65 12345700	C	F	1985-05-31	100000.00	Company O
24	+65 12345701	Y	M	1987-03-28	60000.00	Company P
25	+65 12345702	I	F	1989-06-15	130000.00	Company B
26	+65 12345703	X	M	1988-03-18	60000.00	Company G
27	+65 12345704	T	M	2003-12-15	130000.00	Company P
28	+65 12345705	U	F	1987-03-29	70000.00	Company C
29	+65 12345706	C	M	2001-02-27	40000.00	Company J
30	+65 12345707	Z	M	1994-11-06	110000.00	Company F
31	+65 12345708	L	M	1985-08-19	40000.00	Company C
32	+65 12345709	B	F	1983-03-12	50000.00	Company H
33	+65 12345710	U	F	1998-08-21	160000.00	Company Z
34	+65 12345711	S	M	2000-02-08	180000.00	Company B
35	+65 12345712	Z	F	1993-03-29	110000.00	Company Z
36	+65 12345713	A	M	1984-03-20	150000.00	Company Q
37	+65 12345714	W	F	1990-10-17	80000.00	Company P
38	+65 12345715	P	F	1993-06-03	110000.00	Company I
39	+65 12345716	H	M	1993-08-24	80000.00	Company Z
40	+65 12345717	L	M	1999-12-20	40000.00	Company U
41	+65 12345718	R	M	1998-03-31	140000.00	Company I
42	+65 12345719	X	F	2003-08-19	150000.00	Company Z
43	+65 12345720	N	M	2003-10-10	140000.00	Company I
44	+65 12345721	G	F	1998-03-24	140000.00	Company R
45	+65 12345722	V	F	1992-04-24	170000.00	Company M
46	+65 12345723	C	M	1988-04-22	160000.00	Company T
47	+65 12345724	Y	M	1995-07-02	140000.00	Company A
48	+65 12345725	C	F	1988-04-03	50000.00	Company K
49	+65 12345726	H	M	1999-11-03	160000.00	Company K
50	+65 12345727	I	F	2000-04-02	40000.00	Company V

FINANCIAL_GOAL:

	Phone	Goal	Amount	Timeline
1	+65 12345678	Goal4	25000	2024-04-01
2	+65 12345679	Goal2	15000	2024-03-01
3	+65 12345680	Goal2	22000	2024-01-03
4	+65 12345681	Goal1	25000	2024-01-04
5	+65 12345682	Goal3	12000	2023-03-12
6	+65 12345683	Goal5	25000	2024-01-06
7	+65 12345684	Goal5	8000	2024-01-07
8	+65 12345685	Goal1	23000	2024-01-08
9	+65 12345686	Goal5	14000	2024-01-09
10	+65 12345687	Goal3	12000	2023-03-01
11	+65 12345688	Goal1	10000	2024-01-11
12	+65 12345689	Goal3	16000	2024-01-12
13	+65 12345690	Goal1	17000	2024-01-13
14	+65 12345691	Goal1	6000	2024-01-14
15	+65 12345692	Goal4	19000	2024-01-15
16	+65 12345693	Goal4	10000	2024-01-16
17	+65 12345694	Goal4	28000	2024-01-17
18	+65 12345695	Goal4	19000	2024-01-18
19	+65 12345696	Goal4	19000	2024-01-19
20	+65 12345697	Goal4	11000	2024-01-20
21	+65 12345698	Goal4	12000	2024-01-21
22	+65 12345699	Goal3	7000	2024-01-22
23	+65 12345700	Goal5	22000	2024-01-23
24	+65 12345701	Goal5	17000	2024-01-24
25	+65 12345702	Goal1	14000	2024-01-25
26	+65 12345703	Goal1	11000	2024-01-26
27	+65 12345704	Goal3	16000	2024-01-27
28	+65 12345705	Goal5	10000	2024-01-28
29	+65 12345706	Goal3	5000	2024-01-29
30	+65 12345707	Goal3	5000	2024-01-30
31	+65 12345708	Goal1	20000	2024-01-31
32	+65 12345709	Goal5	13000	2024-02-01
33	+65 12345710	Goal1	19000	2024-02-02
34	+65 12345711	Goal3	10000	2024-02-03
35	+65 12345712	Goal5	10000	2024-02-04

	Phone	Goal	Amount	Timeline
34	+65 12345711	Goal3	10000	2024-02-03
35	+65 12345712	Goal5	10000	2024-02-04
36	+65 12345713	Goal5	27000	2024-02-05
37	+65 12345714	Goal2	6000	2024-02-06
38	+65 12345715	Goal4	15000	2024-02-07
39	+65 12345716	Goal3	5000	2024-02-08
40	+65 12345717	Goal5	14000	2024-02-09
41	+65 12345718	Goal3	5000	2024-02-10
42	+65 12345719	Goal3	8000	2024-02-11
43	+65 12345720	Goal4	16000	2024-02-12
44	+65 12345721	Goal1	22000	2024-02-13
45	+65 12345722	Goal1	21000	2024-02-14
46	+65 12345723	Goal1	12000	2024-02-15
47	+65 12345724	Goal5	14000	2024-02-16
48	+65 12345725	Goal5	8000	2024-02-17
49	+65 12345726	Goal3	17000	2024-02-18
50	+65 12345727	Goal3	26000	2024-02-19
51	+65 12345678	Goal1	5000	2024-01-01
52	+65 12345679	Goal5	10000	2024-02-02
53	+65 12345683	Goal3	20000	2024-01-06
54	+65 12345684	Goal4	18000	2024-01-07
55	+65 12345685	Goal5	7000	2024-01-08
56	+65 12345686	Goal1	16000	2024-01-09
57	+65 12345689	Goal2	26000	2024-01-12
58	+65 12345690	Goal3	7000	2024-01-13
59	+65 12345691	Goal4	16000	2024-01-14
60	+65 12345692	Goal5	9000	2024-01-15
61	+65 12345696	Goal1	15000	2024-01-19
62	+65 12345697	Goal2	12000	2024-01-20
63	+65 12345698	Goal3	5000	2024-01-21
64	+65 12345699	Goal4	6000	2024-01-22
65	+65 12345700	Goal1	24000	2024-01-23
66	+65 12345701	Goal2	27000	2024-01-24
67	+65 12345702	Goal3	24000	2024-01-25
68	+65 12345708	Goal4	21000	2024-01-31

69	+65 12345709	Goal1	12000	2024-02-01
70	+65 12345710	Goal2	17000	2024-02-02
71	+65 12345711	Goal4	5000	2024-02-03
72	+65 12345712	Goal3	11000	2024-02-04
73	+65 12345713	Goal1	20000	2024-02-05
74	+65 12345717	Goal2	18000	2024-02-09
75	+65 12345718	Goal4	7000	2024-02-10
76	+65 12345719	Goal5	5000	2024-02-11
77	+65 12345720	Goal1	6000	2024-02-12
78	+65 12345721	Goal2	5000	2024-02-13
79	+65 12345722	Goal3	5000	2024-02-14
80	+65 12345723	Goal4	7000	2024-02-15
81	+65 12345726	Goal5	7000	2024-02-18
82	+65 12345727	Goal1	6000	2024-02-19
83	+65 12345680	Goal1	7000	2024-01-01
84	+65 12345682	Goal1	23000	2024-02-01
85	+65 12345687	Goal1	23000	2024-05-18

RISK_LEVEL_MAPPING:

This table was populated to ensure that every possible combination of answers is mapped to a risk level. To keep the table short, every question has only 2 possible answers, 1 or 2.

	Q1	Q2	Q3	Q4	Q5	Risk_Level
1	1	1	1	1	1	Conservative
2	1	1	1	1	2	Conservative
3	1	1	1	2	1	Conservative
4	1	1	1	2	2	Conservative
5	1	1	2	1	1	Conservative
6	1	1	2	1	2	Conservative
7	1	1	2	2	1	Conservative
8	1	1	2	2	2	Conservative
9	1	2	1	1	1	Conservative
10	1	2	1	1	2	Conservative
11	1	2	1	2	1	Moderate
12	1	2	1	2	2	Moderate
13	1	2	2	1	1	Moderate
14	1	2	2	1	2	Moderate
15	1	2	2	2	1	Moderate
16	1	2	2	2	2	Moderate
17	2	1	1	1	1	Moderate
18	2	1	1	1	2	Moderate
19	2	1	1	2	1	Moderate
20	2	1	1	2	2	Moderate
21	2	1	2	1	1	Moderate
22	2	1	2	1	2	Moderate
23	2	1	2	2	1	Aggressive
24	2	1	2	2	2	Aggressive
25	2	2	1	1	1	Aggressive
26	2	2	1	1	2	Aggressive
27	2	2	1	2	1	Aggressive
28	2	2	1	2	2	Aggressive
29	2	2	2	1	1	Aggressive
30	2	2	2	1	2	Aggressive
31	2	2	2	2	1	Aggressive
32	2	2	2	2	2	Aggressive

RISK_TOLERANCE_ANSWERS:

	Phone	Q1	Q2	Q3	Q4	Q5
1	+65 12345678	2	1	2	1	1
2	+65 12345679	1	1	1	2	2
3	+65 12345680	2	2	1	1	2
4	+65 12345681	2	2	1	2	2
5	+65 12345682	2	2	2	2	2
6	+65 12345683	1	1	2	1	2
7	+65 12345684	2	2	2	1	2
8	+65 12345685	2	1	1	1	1
9	+65 12345686	2	1	1	2	2
10	+65 12345687	2	2	2	1	1
11	+65 12345688	2	2	1	2	2
12	+65 12345689	1	2	1	1	1
13	+65 12345690	2	1	2	2	2
14	+65 12345691	2	1	2	2	2
15	+65 12345692	2	1	2	2	1
16	+65 12345693	2	1	1	1	2
17	+65 12345694	2	2	1	2	2
18	+65 12345695	2	2	1	1	1
19	+65 12345696	2	2	2	2	2
20	+65 12345697	1	1	1	2	1
21	+65 12345698	1	2	2	1	1
22	+65 12345699	2	2	1	2	2
23	+65 12345700	2	1	1	1	2
24	+65 12345701	1	2	2	2	1
25	+65 12345702	2	2	1	2	2
26	+65 12345703	1	2	1	2	1
27	+65 12345704	2	1	2	1	2
28	+65 12345705	1	1	2	2	2
29	+65 12345706	1	1	2	1	1
30	+65 12345707	1	2	1	2	1
31	+65 12345708	2	1	2	2	1
32	+65 12345709	2	1	1	2	2
33	+65 12345710	2	2	2	1	1
34	+65 12345711	2	2	2	1	1
35	+65 12345712	1	2	2	2	1
35	+65 12345712	1	2	2	2	1
36	+65 12345713	1	1	1	1	2
37	+65 12345714	1	2	1	2	2
38	+65 12345715	2	1	2	2	2
39	+65 12345716	2	2	2	1	2
40	+65 12345717	2	2	2	1	2
41	+65 12345718	2	1	1	1	2
42	+65 12345719	1	2	1	1	2
43	+65 12345720	1	2	2	1	2
44	+65 12345721	2	2	1	2	2
45	+65 12345722	2	2	2	2	1
46	+65 12345723	2	1	2	1	1
47	+65 12345724	2	1	2	1	2
48	+65 12345725	2	1	1	1	1
49	+65 12345726	2	1	1	2	1
50	+65 12345727	2	2	2	1	2

PORTFOLIO:

	Phone	PID	AnnualisedReturn	InceptionDate	MarketValue	Fee
1	+65 12345678	1	-0.45	2024-01-01	17000.00	58.00
2	+65 12345678	2	0.38	2024-01-01	18000.00	90.00
3	+65 12345679	1	-0.02	2024-01-02	20000.00	68.00
4	+65 12345679	2	0.92	2024-01-02	18000.00	35.00
5	+65 12345680	1	0.69	2024-01-03	1000.00	94.00
6	+65 12345681	1	-0.05	2024-01-04	10000.00	33.00
7	+65 12345682	1	-0.04	2024-01-05	18000.00	5.00
8	+65 12345683	1	0.62	2024-01-06	9000.00	82.00
9	+65 12345683	2	0.46	2024-01-06	12000.00	61.00
10	+65 12345684	1	0.81	2024-01-07	13000.00	50.00
11	+65 12345684	2	0.88	2024-01-07	16000.00	18.00
12	+65 12345685	1	-0.18	2024-01-08	10000.00	62.00
13	+65 12345685	2	0.65	2024-01-08	7000.00	44.00
14	+65 12345686	1	-0.52	2024-01-09	14000.00	98.00
15	+65 12345686	2	0.04	2024-01-09	11000.00	36.00
16	+65 12345687	1	-0.19	2024-01-10	15000.00	75.00
17	+65 12345688	1	-0.09	2024-01-11	14000.00	8.00
18	+65 12345689	1	0.27	2024-01-12	20000.00	2.00
19	+65 12345689	2	-0.38	2024-01-12	16000.00	54.00
20	+65 12345690	1	-0.63	2024-01-13	5000.00	14.00
21	+65 12345690	2	-0.01	2024-01-13	17000.00	98.00
22	+65 12345691	1	-0.71	2024-01-14	10000.00	48.00
23	+65 12345691	2	-0.64	2024-01-14	13000.00	14.00
24	+65 12345692	1	-0.87	2024-01-15	13000.00	60.00
25	+65 12345692	2	-0.51	2024-01-15	8000.00	56.00
26	+65 12345693	1	-0.30	2024-01-16	8000.00	41.00
27	+65 12345694	1	-0.81	2024-01-17	20000.00	31.00
28	+65 12345695	1	0.74	2024-01-18	19000.00	74.00
29	+65 12345696	1	-0.31	2024-01-19	9000.00	71.00
30	+65 12345696	2	-0.20	2024-01-19	9000.00	19.00
31	+65 12345697	1	0.77	2024-01-20	14000.00	58.00
32	+65 12345697	2	-0.06	2024-01-20	9000.00	94.00
33	+65 12345698	1	-0.64	2024-01-21	16000.00	93.00
34	+65 12345698	2	0.01	2024-01-21	5000.00	53.00
35	+65 12345699	1	-0.27	2024-01-22	6000.00	55.00

	Phone	PID	AnnualisedReturn	InceptionDate	MarketValue	Fee
36	+65 12345699	2	0.79	2024-01-22	19000.00	82.00
37	+65 12345700	1	1.00	2024-01-23	19000.00	68.00
38	+65 12345700	2	-0.54	2024-01-23	15000.00	78.00
39	+65 12345701	1	0.96	2024-01-24	15000.00	53.00
40	+65 12345701	2	0.59	2024-01-24	7000.00	62.00
41	+65 12345702	1	0.79	2024-01-25	17000.00	20.00
42	+65 12345702	2	-0.49	2024-01-25	4000.00	23.00
43	+65 12345703	1	-0.57	2024-01-26	7000.00	3.00
44	+65 12345704	1	0.25	2024-01-27	6000.00	36.00
45	+65 12345705	1	0.35	2024-01-28	11000.00	58.00
46	+65 12345706	1	-0.48	2024-01-29	14000.00	9.00
47	+65 12345707	1	0.00	2024-01-30	3000.00	12.00
48	+65 12345708	1	-0.58	2024-01-31	2000.00	63.00
49	+65 12345708	2	-0.45	2024-01-31	3000.00	54.00
50	+65 12345709	1	-0.76	2024-02-01	15000.00	12.00
51	+65 12345709	2	-0.09	2024-02-01	14000.00	31.00
52	+65 12345710	1	-0.49	2024-02-02	18000.00	5.00
53	+65 12345710	2	0.40	2024-02-02	13000.00	91.00
54	+65 12345711	1	-0.75	2024-02-03	4000.00	55.00
55	+65 12345711	2	-0.51	2024-02-03	17000.00	47.00
56	+65 12345712	1	0.55	2024-02-04	4000.00	74.00
57	+65 12345712	2	0.79	2024-02-04	2000.00	97.00
58	+65 12345713	1	-0.66	2024-02-05	18000.00	44.00
59	+65 12345713	2	-0.83	2024-02-05	3000.00	26.00
60	+65 12345714	1	-0.92	2024-02-06	18000.00	26.00
61	+65 12345715	1	-0.96	2024-02-07	14000.00	72.00
62	+65 12345716	1	-0.09	2024-02-08	20000.00	14.00
63	+65 12345717	1	0.48	2024-02-09	11000.00	94.00
64	+65 12345717	2	0.58	2024-02-09	15000.00	77.00
65	+65 12345718	1	-0.27	2024-02-10	7000.00	65.00
66	+65 12345718	2	-0.27	2024-02-10	11000.00	60.00
67	+65 12345719	1	0.00	2024-02-11	7000.00	9.00
68	+65 12345719	2	-0.33	2024-02-11	7000.00	2.00
69	+65 12345720	1	-0.41	2024-02-12	19000.00	45.00
70	+65 12345720	2	0.63	2024-02-12	10000.00	85.00

	Phone	PID	AnnualisedReturn	InceptionDate	MarketValue	Fee
71	+65 12345721	1	0.23	2024-02-13	3000.00	83.00
72	+65 12345721	2	-0.32	2024-02-13	15000.00	23.00
73	+65 12345722	1	-0.68	2024-02-14	20000.00	93.00
74	+65 12345722	2	-0.43	2024-02-14	2000.00	64.00
75	+65 12345723	1	-0.14	2024-02-15	15000.00	48.00
76	+65 12345723	2	0.12	2024-02-15	4000.00	61.00
77	+65 12345724	1	0.07	2024-02-16	15000.00	59.00
78	+65 12345725	1	0.20	2024-02-17	9000.00	75.00
79	+65 12345726	1	0.49	2024-02-18	12000.00	36.00
80	+65 12345726	2	0.98	2024-02-18	11000.00	79.00
81	+65 12345727	1	-0.90	2024-02-19	7000.00	87.00
82	+65 12345727	2	-0.97	2024-02-19	2000.00	42.00

INVESTED_VALUE:

	Phone	PID	Date_Invested	Amount
1	+65 12345678	1	2023-03-01	12000.00
2	+65 12345678	1	2024-01-03	19000.00
3	+65 12345678	1	2024-02-03	19000.00
4	+65 12345678	1	2024-03-01	12000.00
5	+65 12345678	1	2024-03-03	19000.00
6	+65 12345678	1	2024-04-03	19000.00
7	+65 12345678	1	2024-05-03	19000.00
8	+65 12345678	1	2024-06-03	19000.00
9	+65 12345678	1	2024-07-03	19000.00
10	+65 12345678	1	2024-08-03	19000.00
11	+65 12345678	1	2024-09-03	19000.00
12	+65 12345678	1	2024-10-03	19000.00
13	+65 12345678	1	2024-11-03	19000.00
14	+65 12345678	1	2024-12-03	19000.00
15	+65 12345678	1	2025-01-03	19000.00
16	+65 12345678	1	2025-02-03	19000.00
17	+65 12345678	1	2025-03-03	19000.00
18	+65 12345678	1	2025-04-03	19000.00
19	+65 12345678	2	2024-01-29	20000.00
20	+65 12345679	1	2024-01-30	13000.00
21	+65 12345679	2	2024-01-30	10000.00
22	+65 12345680	1	2024-02-03	7000.00
23	+65 12345681	1	2024-02-24	8000.00
24	+65 12345682	1	2024-01-20	8000.00
25	+65 12345683	1	2024-01-29	11000.00
26	+65 12345683	2	2024-01-24	16000.00
27	+65 12345684	1	2024-01-28	19000.00
28	+65 12345684	2	2024-01-14	9000.00
29	+65 12345685	1	2024-01-30	12000.00
30	+65 12345685	2	2024-02-06	1000.00
31	+65 12345686	1	2024-01-20	5000.00
32	+65 12345686	2	2024-01-31	3000.00
33	+65 12345687	1	2024-02-18	12000.00
34	+65 12345688	1	2024-01-15	9000.00
35	+65 12345689	1	2024-01-04	13000.00

	Phone	PID	Date_Invested	Amount
34	+65 12345688	1	2024-01-15	9000.00
35	+65 12345689	1	2024-01-04	13000.00
36	+65 12345689	1	2024-02-02	7000.00
37	+65 12345689	1	2024-03-02	1000.00
38	+65 12345689	1	2024-04-02	1000.00
39	+65 12345689	1	2024-05-02	1000.00
40	+65 12345689	1	2024-06-02	1000.00
41	+65 12345689	1	2024-07-02	1000.00
42	+65 12345689	1	2024-08-02	1000.00
43	+65 12345689	1	2024-09-02	1000.00
44	+65 12345689	1	2024-10-02	1000.00
45	+65 12345689	1	2024-11-02	1000.00
46	+65 12345689	1	2024-12-02	1000.00
47	+65 12345689	1	2025-01-02	1000.00
48	+65 12345689	1	2025-02-02	1000.00
49	+65 12345689	1	2025-03-02	1000.00
50	+65 12345689	1	2025-04-02	1000.00
51	+65 12345689	2	2024-01-16	20000.00
52	+65 12345690	1	2024-02-18	15000.00
53	+65 12345690	2	2024-01-28	15000.00
54	+65 12345691	1	2024-01-27	13000.00
55	+65 12345691	2	2024-02-17	18000.00
56	+65 12345692	1	2024-02-07	9000.00
57	+65 12345692	2	2024-02-18	17000.00
58	+65 12345693	1	2024-02-17	6000.00
59	+65 12345694	1	2024-02-03	1000.00
60	+65 12345695	1	2024-02-22	20000.00
61	+65 12345696	1	2024-03-09	10000.00
62	+65 12345696	2	2024-02-28	18000.00
63	+65 12345697	1	2024-03-16	15000.00
64	+65 12345697	2	2024-01-25	2000.00
65	+65 12345698	1	2024-01-23	4000.00
66	+65 12345698	2	2024-02-29	11000.00
67	+65 12345699	1	2024-02-15	8000.00
68	+65 12345699	2	2024-03-07	1000.00

	Phone	PID	Date_Invested	Amount
67	+65 12345699	1	2024-02-15	8000.00
68	+65 12345699	2	2024-03-07	1000.00
69	+65 12345700	1	2024-02-25	20000.00
70	+65 12345700	2	2024-03-08	12000.00
71	+65 12345701	1	2024-03-21	6000.00
72	+65 12345701	2	2024-03-07	1000.00
73	+65 12345702	1	2024-03-08	12000.00
74	+65 12345702	2	2024-03-25	3000.00
75	+65 12345703	1	2024-03-13	5000.00
76	+65 12345704	1	2024-02-26	20000.00
77	+65 12345705	1	2024-02-19	1000.00
78	+65 12345706	1	2024-02-15	8000.00
79	+65 12345707	1	2024-03-05	15000.00
80	+65 12345708	1	2024-03-27	2000.00
81	+65 12345708	2	2024-03-15	16000.00
82	+65 12345709	1	2024-02-15	15000.00
83	+65 12345709	2	2024-03-08	9000.00
84	+65 12345710	1	2024-04-02	14000.00
85	+65 12345710	2	2024-03-07	4000.00
86	+65 12345711	1	2024-02-15	18000.00
87	+65 12345711	2	2024-02-12	8000.00
88	+65 12345712	1	2024-04-01	8000.00
89	+65 12345712	2	2024-03-09	7000.00
90	+65 12345713	1	2024-03-30	4000.00
91	+65 12345713	2	2024-04-02	8000.00
92	+65 12345714	1	2024-03-30	5000.00
93	+65 12345715	1	2024-02-28	12000.00
94	+65 12345716	1	2024-02-17	11000.00
95	+65 12345717	1	2024-01-03	8000.00
96	+65 12345717	1	2024-02-04	13000.00
97	+65 12345717	1	2024-03-17	5000.00
98	+65 12345717	1	2024-11-04	17000.00
99	+65 12345717	1	2024-12-02	6000.00
100	+65 12345717	2	2024-03-02	13000.00
101	+65 12345717	2	2024-04-02	2000.00

102	+65 12345717	2	2024-05-02	2000.00
103	+65 12345717	2	2024-06-02	2000.00
104	+65 12345717	2	2024-07-02	2000.00
105	+65 12345717	2	2024-08-02	2000.00
106	+65 12345717	2	2024-09-02	2000.00
107	+65 12345717	2	2024-10-02	2000.00
108	+65 12345718	1	2024-02-25	8000.00
109	+65 12345718	2	2024-02-28	1000.00
110	+65 12345719	1	2024-03-28	10000.00
111	+65 12345719	2	2024-04-10	3000.00
112	+65 12345720	1	2024-02-23	7000.00
113	+65 12345720	2	2024-03-18	19000.00
114	+65 12345721	1	2024-02-18	9000.00
115	+65 12345721	2	2024-02-20	8000.00
116	+65 12345722	1	2024-02-15	12000.00
117	+65 12345722	2	2024-04-10	2000.00
118	+65 12345723	1	2024-03-09	7000.00
119	+65 12345723	2	2024-04-06	11000.00
120	+65 12345724	1	2024-03-19	8000.00
121	+65 12345725	1	2024-03-18	19000.00
122	+65 12345726	1	2024-04-03	4000.00
123	+65 12345726	2	2024-04-13	4000.00
124	+65 12345727	1	2024-02-29	17000.00
125	+65 12345727	2	2024-04-19	8000.00

UNREALISED_GAIN_LOSS:

	Phone	PID	Date_	Amount
1	+65 12345678	1	2024-01-10	-5000.00
2	+65 12345678	1	2024-01-27	-2000.00
3	+65 12345678	2	2024-02-27	-2000.00
4	+65 12345678	2	2024-03-28	3000.00
5	+65 12345679	1	2024-02-07	-5000.00
6	+65 12345679	1	2024-02-22	-1000.00
7	+65 12345679	2	2024-03-17	2000.00
8	+65 12345679	2	2024-03-28	-2000.00
9	+65 12345680	1	2024-02-12	3000.00
10	+65 12345680	1	2024-04-10	5000.00
11	+65 12345681	1	2024-03-03	-4000.00
12	+65 12345681	1	2024-03-27	3000.00
13	+65 12345682	1	2024-02-10	2000.00
14	+65 12345682	1	2024-02-14	-1000.00
15	+65 12345683	1	2024-02-29	-2000.00
16	+65 12345683	1	2024-03-07	1000.00
17	+65 12345683	2	2024-02-04	3000.00
18	+65 12345683	2	2024-03-25	2000.00
19	+65 12345684	1	2024-02-04	1000.00
20	+65 12345684	1	2024-03-09	-5000.00
21	+65 12345684	2	2024-02-18	4000.00
22	+65 12345685	1	2024-02-18	1000.00
23	+65 12345685	2	2024-02-19	-4000.00
24	+65 12345686	1	2024-01-31	-5000.00
25	+65 12345686	2	2024-02-28	2000.00
26	+65 12345687	1	2024-04-01	2000.00
27	+65 12345688	1	2024-02-15	5000.00
28	+65 12345689	1	2024-03-05	-4000.00
29	+65 12345689	2	2024-02-14	4000.00
30	+65 12345690	1	2024-03-18	1000.00
31	+65 12345690	1	2024-04-06	3000.00
32	+65 12345690	2	2024-02-27	3000.00
33	+65 12345690	2	2024-03-11	-2000.00
34	+65 12345691	1	2024-03-20	-1000.00
35	+65 12345691	1	2024-05-02	5000.00
36	+65 12345691	2	2024-02-24	-5000.00
37	+65 12345691	2	2024-03-25	3000.00
38	+65 12345692	1	2024-03-11	3000.00
39	+65 12345692	1	2024-04-19	-2000.00
40	+65 12345692	2	2024-04-02	5000.00
41	+65 12345692	2	2024-04-13	5000.00
42	+65 12345693	1	2024-02-25	1000.00
43	+65 12345693	1	2024-03-23	-1000.00
44	+65 12345694	1	2024-02-10	1000.00
45	+65 12345694	1	2024-03-10	4000.00
46	+65 12345695	1	2024-03-02	3000.00
47	+65 12345695	1	2024-04-04	-4000.00
48	+65 12345696	1	2024-05-04	5000.00
49	+65 12345696	1	2024-05-19	-4000.00
50	+65 12345696	2	2024-03-21	5000.00
51	+65 12345696	2	2024-05-11	3000.00
52	+65 12345697	1	2024-05-13	-4000.00
53	+65 12345697	1	2024-06-08	-4000.00
54	+65 12345697	2	2024-02-08	-5000.00
55	+65 12345697	2	2024-02-13	1000.00
56	+65 12345698	1	2024-02-10	3000.00
57	+65 12345698	1	2024-04-09	3000.00
58	+65 12345698	2	2024-04-17	-3000.00
59	+65 12345698	2	2024-05-19	4000.00
60	+65 12345699	1	2024-03-21	-1000.00
61	+65 12345699	1	2024-05-19	-3000.00
62	+65 12345699	2	2024-03-13	-1000.00
63	+65 12345699	2	2024-04-28	-1000.00
64	+65 12345700	1	2024-03-03	-2000.00
65	+65 12345700	1	2024-03-23	-2000.00
66	+65 12345700	2	2024-04-14	-1000.00
67	+65 12345700	2	2024-05-25	-5000.00
68	+65 12345701	1	2024-05-08	-3000.00

69	+65 12345701	2	2024-03-28	3000.00
70	+65 12345702	1	2024-04-13	4000.00
71	+65 12345702	2	2024-04-11	-1000.00
72	+65 12345703	1	2024-03-20	1000.00
73	+65 12345704	1	2024-04-19	1000.00
74	+65 12345705	1	2024-03-27	5000.00
75	+65 12345706	1	2024-02-17	1000.00
76	+65 12345706	1	2024-03-14	1000.00
77	+65 12345707	1	2024-03-31	1000.00
78	+65 12345707	1	2024-04-21	-1000.00
79	+65 12345708	1	2024-03-30	-2000.00
80	+65 12345708	1	2024-05-19	-3000.00
81	+65 12345708	2	2024-05-06	-1000.00
82	+65 12345708	2	2024-06-02	-2000.00
83	+65 12345709	1	2024-02-17	-2000.00
84	+65 12345709	1	2024-03-17	-3000.00
85	+65 12345709	2	2024-05-07	5000.00
86	+65 12345709	2	2024-06-10	1000.00
87	+65 12345710	1	2024-05-15	2000.00
88	+65 12345710	1	2024-06-13	-1000.00
89	+65 12345710	2	2024-03-30	-1000.00
90	+65 12345710	2	2024-04-16	4000.00
91	+65 12345711	1	2024-02-19	1000.00
92	+65 12345711	1	2024-03-31	3000.00
93	+65 12345711	2	2024-03-25	1000.00
94	+65 12345711	2	2024-04-26	-2000.00
95	+65 12345712	1	2024-04-23	-1000.00
96	+65 12345712	1	2024-05-25	-1000.00
97	+65 12345712	2	2024-05-02	-1000.00
98	+65 12345712	2	2024-05-18	1000.00
99	+65 12345713	1	2024-04-01	-4000.00
100	+65 12345713	1	2024-04-16	-4000.00
101	+65 12345713	2	2024-05-28	3000.00

102	+65 12345713	2	2024-07-02	3000.00
103	+65 12345714	1	2024-04-08	5000.00
104	+65 12345714	1	2024-05-19	-1000.00
105	+65 12345715	1	2024-04-05	-5000.00
106	+65 12345715	1	2024-05-29	4000.00
107	+65 12345716	1	2024-04-02	-4000.00
108	+65 12345716	1	2024-04-26	-2000.00
109	+65 12345717	1	2024-05-13	3000.00
110	+65 12345717	1	2024-06-05	3000.00
111	+65 12345717	2	2024-03-29	4000.00
112	+65 12345717	2	2024-05-18	-3000.00
113	+65 12345718	1	2024-04-12	-3000.00
114	+65 12345718	1	2024-04-15	-1000.00
115	+65 12345718	2	2024-03-15	-5000.00
116	+65 12345718	2	2024-03-17	-5000.00
117	+65 12345719	1	2024-05-25	3000.00
118	+65 12345719	1	2024-06-25	5000.00
119	+65 12345719	2	2024-05-16	3000.00
120	+65 12345720	1	2024-03-02	2000.00
121	+65 12345720	2	2024-05-03	-3000.00
122	+65 12345721	1	2024-03-09	4000.00
123	+65 12345721	2	2024-03-28	2000.00
124	+65 12345722	1	2024-03-27	-3000.00
125	+65 12345722	2	2024-04-28	-2000.00
126	+65 12345723	1	2024-04-13	-2000.00
127	+65 12345723	2	2024-05-06	1000.00
128	+65 12345723	2	2024-06-19	1000.00
129	+65 12345724	1	2024-04-22	1000.00
130	+65 12345724	1	2024-04-25	5000.00
131	+65 12345725	1	2024-04-21	5000.00
132	+65 12345725	1	2024-06-09	5000.00
133	+65 12345726	1	2024-04-21	3000.00
134	+65 12345726	1	2024-06-12	4000.00

135	+65 12345726	2	2024-06-03	-5000.00
136	+65 12345726	2	2024-07-22	2000.00
137	+65 12345727	1	2024-03-05	-2000.00
138	+65 12345727	1	2024-04-11	3000.00
139	+65 12345727	2	2024-05-12	-3000.00
140	+65 12345727	2	2024-07-10	2000.00

ASSET:

	ID	Name	Price
1	1	Bond1	1000.00
2	2	Bond2	2000.00
3	3	Bond3	3000.00
4	4	Stock1	1000.00
5	5	Stock2	2000.00
6	6	Stock3	3000.00
7	7	Fund1	1000.00
8	8	Fund2	2000.00
9	9	Fund3	3000.00

STOCK:

	ID	PE_ratio	EPS	EBITDA
1	4	0.1000000000000000	300.00	10.00
2	5	0.2000000000000000	200.00	20.00
3	6	0.3000000000000000	100.00	30.00

BOND:

	ID	Interest_rate	Maturity_date
1	1	0.1000000000000000	2025-04-20
2	2	0.2000000000000000	2025-08-21
3	3	0.3000000000000000	2026-07-10

FUND:

	ID	Expense_ratio	Dividend_yield
1	7	0.0700000000000000	10.00
2	8	0.0800000000000000	11.00
3	9	0.0900000000000000	12.00

POSTTRADE_CO:

	ID	PostTrade_CO
1	1	Company1
2	2	Company2
3	3	Company1
4	4	Company2
5	5	Company1
6	6	Company2
7	7	Company1
8	8	Company2
9	9	Company1

STOCK_IN_PORTFOLIO:

This table, along with BOND_IN_PORTFOLIO and FUND_IN_PORTFOLIO have been populated ensuring that the total allocation ratios of all the stocks, bonds and funds for each portfolio adds up to 1.

	Phone	PID	ID	Start_date	Allocation_ratio
1	+65 12345678	1	4	2024-01-13	0.30
2	+65 12345678	1	5	2024-01-14	0.30
3	+65 12345678	2	5	2024-02-17	0.20
4	+65 12345682	1	5	2024-02-04	0.30
5	+65 12345683	1	6	2024-01-12	0.40
6	+65 12345683	2	5	2024-02-15	0.50
7	+65 12345684	1	5	2024-02-21	0.10
8	+65 12345684	1	6	2024-01-08	0.10
9	+65 12345684	2	6	2024-02-26	0.50
10	+65 12345685	1	6	2024-02-04	0.20
11	+65 12345685	2	6	2024-02-18	0.30
12	+65 12345686	1	5	2024-01-26	0.20
13	+65 12345686	2	6	2024-02-12	0.40
14	+65 12345688	1	5	2024-02-20	0.20
15	+65 12345689	1	5	2024-03-05	0.20
16	+65 12345689	2	5	2024-02-12	0.10
17	+65 12345690	1	4	2024-02-02	0.20
18	+65 12345691	2	4	2024-02-04	0.40
19	+65 12345692	1	5	2024-02-01	1.00
20	+65 12345692	2	6	2024-02-20	0.10
21	+65 12345693	1	5	2024-02-03	0.40
22	+65 12345694	1	4	2024-03-05	0.10
23	+65 12345694	1	6	2024-02-19	0.80
24	+65 12345696	1	5	2024-02-23	0.20
25	+65 12345696	1	6	2024-01-29	0.50
26	+65 12345697	1	6	2024-02-19	0.40
27	+65 12345697	2	5	2024-01-22	0.20
28	+65 12345698	1	4	2024-02-19	0.20
29	+65 12345698	2	4	2024-03-17	0.70
30	+65 12345699	1	5	2024-03-04	0.80
31	+65 12345699	2	6	2024-03-01	0.50
32	+65 12345700	1	6	2024-03-02	1.00
33	+65 12345700	2	4	2024-03-03	0.20

	Phone	PID	ID	Start_date	Allocation_ratio
34	+65 12345701	1	5	2024-03-22	0.60
35	+65 12345701	2	6	2024-01-29	0.10
36	+65 12345702	1	6	2024-02-02	0.70
37	+65 12345702	2	4	2024-01-27	0.30
38	+65 12345702	2	5	2024-02-25	0.20
39	+65 12345703	1	4	2024-02-11	0.30
40	+65 12345703	1	6	2024-02-21	0.10
41	+65 12345704	1	4	2024-03-05	0.60
42	+65 12345705	1	5	2024-02-18	0.20
43	+65 12345705	1	6	2024-03-11	0.50
44	+65 12345706	1	4	2024-02-24	0.40
45	+65 12345706	1	6	2024-03-06	0.50
46	+65 12345707	1	5	2024-02-14	1.00
47	+65 12345708	1	6	2024-02-05	0.50
48	+65 12345708	2	6	2024-03-18	1.00
49	+65 12345709	1	4	2024-02-01	0.20
50	+65 12345709	2	6	2024-02-17	0.40
51	+65 12345710	1	5	2024-03-24	0.20
52	+65 12345710	1	6	2024-03-13	0.20
53	+65 12345711	1	4	2024-02-24	0.20
54	+65 12345711	2	4	2024-03-07	0.20
55	+65 12345712	1	5	2024-02-29	0.20
56	+65 12345712	2	4	2024-04-03	0.20
57	+65 12345713	1	4	2024-03-02	0.30
58	+65 12345713	1	5	2024-03-27	0.30
59	+65 12345713	2	5	2024-02-20	0.40
60	+65 12345715	1	4	2024-02-12	0.40
61	+65 12345719	1	6	2024-03-15	0.50
62	+65 12345720	1	4	2024-04-10	0.30
63	+65 12345720	1	6	2024-03-07	0.40
64	+65 12345721	1	5	2024-02-26	0.30
65	+65 12345721	2	6	2024-02-27	0.50
66	+65 12345725	1	4	2024-02-18	0.30
67	+65 12345726	2	4	2024-04-05	0.20
68	+65 12345727	2	5	2024-04-18	0.20

BOND_IN_PORTFOLIO:

	Phone	PID	ID	Start_date	Allocation_ratio
1	+65 12345678	1	3	2024-01-02	0.10
2	+65 12345679	1	1	2024-01-12	0.40
3	+65 12345679	1	3	2024-01-29	0.60
4	+65 12345679	2	1	2024-01-22	1.00
5	+65 12345680	1	2	2024-02-12	1.00
6	+65 12345681	1	1	2024-01-10	0.40
7	+65 12345682	1	2	2024-01-26	0.30
8	+65 12345682	1	3	2024-02-29	0.20
9	+65 12345683	1	2	2024-01-14	0.60
10	+65 12345683	2	1	2024-02-28	0.50
11	+65 12345684	1	2	2024-02-21	0.40
12	+65 12345685	1	2	2024-03-05	0.80
13	+65 12345685	2	2	2024-03-01	0.20
14	+65 12345686	1	1	2024-02-15	0.40
15	+65 12345686	2	1	2024-02-16	0.20
16	+65 12345687	1	1	2024-01-26	0.50
17	+65 12345688	1	3	2024-02-12	0.50
18	+65 12345689	1	2	2024-02-03	0.80
19	+65 12345689	2	1	2024-02-06	0.90
20	+65 12345690	1	1	2024-02-13	0.30
21	+65 12345690	2	2	2024-01-23	1.00
22	+65 12345691	1	1	2024-02-15	0.20
23	+65 12345691	1	2	2024-03-08	0.50
24	+65 12345691	2	3	2024-02-29	0.50
25	+65 12345692	2	2	2024-03-06	0.40
26	+65 12345695	1	2	2024-02-20	0.40
27	+65 12345695	1	3	2024-03-17	0.40
28	+65 12345696	1	1	2024-03-16	0.20
29	+65 12345696	2	3	2024-03-18	0.50
30	+65 12345697	1	3	2024-03-10	0.50
31	+65 12345697	2	1	2024-02-06	0.30
32	+65 12345698	1	1	2024-03-13	0.40
	Phone	PID	ID	Start_date	Allocation_ratio
33	+65 12345698	1	3	2024-01-21	0.40
34	+65 12345698	2	1	2024-02-19	0.30
35	+65 12345699	1	1	2024-02-03	0.20
36	+65 12345699	2	3	2024-02-12	0.50
37	+65 12345700	2	2	2024-02-28	0.30
38	+65 12345701	2	2	2024-02-18	0.50
39	+65 12345702	1	3	2024-02-25	0.20
40	+65 12345703	1	1	2024-01-31	0.20
41	+65 12345704	1	1	2024-02-27	0.40
42	+65 12345708	1	1	2024-03-28	0.20
43	+65 12345709	1	2	2024-02-26	0.40
44	+65 12345709	2	2	2024-02-19	0.10
45	+65 12345710	2	3	2024-03-10	0.40
46	+65 12345712	1	1	2024-03-10	0.40
47	+65 12345713	1	3	2024-03-25	0.20
48	+65 12345713	2	2	2024-03-10	0.20
49	+65 12345714	1	1	2024-03-03	0.20
50	+65 12345715	1	1	2024-02-07	0.40
51	+65 12345716	1	2	2024-03-09	0.30
52	+65 12345716	1	3	2024-03-08	0.30
53	+65 12345717	1	2	2024-02-24	0.50
54	+65 12345717	2	2	2024-03-31	0.30
55	+65 12345717	2	3	2024-04-06	0.40
56	+65 12345718	1	2	2024-03-11	0.50
57	+65 12345718	2	2	2024-03-26	0.40
58	+65 12345719	2	3	2024-04-09	0.20
59	+65 12345720	2	1	2024-03-29	0.50
60	+65 12345722	1	1	2024-02-15	0.20
61	+65 12345722	1	3	2024-02-14	0.20
62	+65 12345723	1	2	2024-04-13	0.40
63	+65 12345723	2	3	2024-03-31	0.40
64	+65 12345724	1	1	2024-04-16	0.20
65	+65 12345726	2	1	2024-03-16	0.10
66	+65 12345726	2	3	2024-03-24	0.50
67	+65 12345727	2	1	2024-04-05	0.50

FUND_IN_PORTFOLIO:

	Phone	PID	ID	Start_date	Allocation_ratio
1	+65 12345678	1	7	2024-02-28	0.30
2	+65 12345678	2	8	2024-01-12	0.40
3	+65 12345678	2	9	2024-01-20	0.40
4	+65 12345681	1	7	2024-03-03	0.40
5	+65 12345681	1	8	2024-01-11	0.20
6	+65 12345682	1	7	2024-01-08	0.20
7	+65 12345684	1	8	2024-01-15	0.40
8	+65 12345684	2	8	2024-02-27	0.50
9	+65 12345685	2	7	2024-02-13	0.50
10	+65 12345686	1	9	2024-02-23	0.40
11	+65 12345686	2	7	2024-01-18	0.40
12	+65 12345687	1	8	2024-01-20	0.50
13	+65 12345688	1	7	2024-03-03	0.30
14	+65 12345690	1	9	2024-01-17	0.50
15	+65 12345691	1	9	2024-02-27	0.30
16	+65 12345691	2	8	2024-02-07	0.10
17	+65 12345692	2	7	2024-01-18	0.50
18	+65 12345693	1	8	2024-02-03	0.50
19	+65 12345693	1	9	2024-02-08	0.10
20	+65 12345694	1	9	2024-02-16	0.10
21	+65 12345695	1	9	2024-02-09	0.20
22	+65 12345696	1	9	2024-01-24	0.10
23	+65 12345696	2	7	2024-02-28	0.50
24	+65 12345697	1	7	2024-02-10	0.10
25	+65 12345697	2	8	2024-02-07	0.50
26	+65 12345700	2	8	2024-01-29	0.50
27	+65 12345701	1	9	2024-01-25	0.40
28	+65 12345701	2	9	2024-03-06	0.40
29	+65 12345702	1	8	2024-02-07	0.10
30	+65 12345702	2	9	2024-02-28	0.50
31	+65 12345703	1	7	2024-02-25	0.20
32	+65 12345703	1	9	2024-03-23	0.20
33	+65 12345705	1	8	2024-02-18	0.30
34	+65 12345706	1	8	2024-02-10	0.10
35	+65 12345708	1	9	2024-03-09	0.30

	Phone	PID	ID	Start_date	Allocation_ratio
34	+65 12345706	1	8	2024-02-10	0.10
35	+65 12345708	1	9	2024-03-09	0.30
36	+65 12345709	1	7	2024-02-04	0.40
37	+65 12345709	2	7	2024-03-26	0.50
38	+65 12345710	1	7	2024-03-24	0.60
39	+65 12345710	2	9	2024-03-08	0.60
40	+65 12345711	1	8	2024-02-05	0.80
41	+65 12345711	2	9	2024-02-21	0.80
42	+65 12345712	1	8	2024-03-19	0.40
43	+65 12345712	2	8	2024-02-25	0.80
44	+65 12345713	1	7	2024-02-11	0.20
45	+65 12345713	2	8	2024-03-13	0.30
46	+65 12345713	2	9	2024-03-04	0.10
47	+65 12345714	1	7	2024-03-28	0.80
48	+65 12345715	1	7	2024-02-18	0.10
49	+65 12345715	1	8	2024-04-07	0.10
50	+65 12345716	1	7	2024-03-22	0.40
51	+65 12345717	1	7	2024-04-08	0.30
52	+65 12345717	1	8	2024-03-12	0.20
53	+65 12345717	2	9	2024-04-07	0.30
54	+65 12345718	1	9	2024-03-11	0.50
55	+65 12345718	2	9	2024-04-06	0.60
56	+65 12345719	1	7	2024-03-14	0.10
57	+65 12345719	1	8	2024-03-13	0.40
58	+65 12345719	2	7	2024-04-11	0.10
59	+65 12345719	2	9	2024-04-08	0.70
60	+65 12345720	1	9	2024-02-20	0.30
61	+65 12345720	2	9	2024-03-26	0.50
62	+65 12345721	1	7	2024-03-04	0.10
63	+65 12345721	1	9	2024-04-10	0.60
64	+65 12345721	2	8	2024-02-14	0.50
65	+65 12345722	1	7	2024-03-11	0.30
66	+65 12345722	1	8	2024-02-27	0.30
67	+65 12345722	2	7	2024-03-09	1.00
68	+65 12345723	1	8	2024-04-12	0.60
69	+65 12345723	2	8	2024-03-12	0.60
70	+65 12345724	1	8	2024-04-08	0.80
71	+65 12345725	1	8	2024-03-30	0.70
72	+65 12345726	1	8	2024-02-25	1.00
73	+65 12345726	2	8	2024-04-16	0.20
74	+65 12345727	1	8	2024-03-25	0.80
75	+65 12345727	1	9	2024-03-04	0.20
76	+65 12345727	2	9	2024-03-22	0.30

TRANSACTION_:

This table is populated based on the data in STOCK_IN_PORTFOLIO, BOND_IN_PORTFOLIO and FUND_IN_PORTFOLIO. To ensure that there is a transaction tied to every stock, bond or fund in a portfolio for the date it was added into the portfolio. If the transaction is for a stock, BOND_ID and FUND_ID are null, same for bond and fund.

	Phone	PID	STOCK_ID	BOND_ID	FUND_ID	Date_	Type	Fee
1	+65 12345678	1	NULL	3	NULL	2024-01-02 19:11:52.000	Buy	2900.00
2	+65 12345678	1	NULL	3	NULL	2024-01-04 13:14:02.000	Sell	900.00
3	+65 12345678	1	4	NULL	NULL	2024-01-13 09:09:04.000	Buy	2600.00
4	+65 12345678	1	5	NULL	NULL	2024-01-14 17:57:48.000	Buy	700.00
5	+65 12345678	1	NULL	NULL	7	2024-02-28 14:44:13.000	Buy	4100.00
6	+65 12345678	2	NULL	NULL	8	2024-01-12 07:04:30.000	Buy	4200.00
7	+65 12345678	2	NULL	NULL	9	2024-01-20 09:48:18.000	Buy	1200.00
8	+65 12345678	2	5	NULL	NULL	2024-02-17 02:42:44.000	Buy	2200.00
9	+65 12345679	1	NULL	1	NULL	2024-01-12 05:17:30.000	Buy	1100.00
10	+65 12345679	1	NULL	3	NULL	2024-01-29 14:08:32.000	Buy	3200.00
11	+65 12345679	2	NULL	1	NULL	2024-01-22 13:54:12.000	Buy	2800.00
12	+65 12345680	1	NULL	2	NULL	2024-02-12 00:49:02.000	Buy	2100.00
13	+65 12345681	1	NULL	1	NULL	2024-01-10 01:03:06.000	Buy	2900.00
14	+65 12345681	1	NULL	NULL	8	2024-01-11 07:10:20.000	Buy	900.00
15	+65 12345681	1	NULL	NULL	7	2024-03-03 20:26:53.000	Buy	500.00
16	+65 12345682	1	NULL	NULL	7	2024-01-08 12:00:08.000	Buy	4300.00
17	+65 12345682	1	NULL	2	NULL	2024-01-26 10:11:54.000	Buy	4300.00
18	+65 12345682	1	5	NULL	NULL	2024-02-04 07:44:21.000	Buy	2900.00
19	+65 12345682	1	NULL	3	NULL	2024-02-29 04:57:00.000	Buy	4800.00
20	+65 12345683	1	6	NULL	NULL	2024-01-12 10:37:50.000	Buy	4200.00
21	+65 12345683	1	NULL	2	NULL	2024-01-14 21:59:06.000	Buy	4500.00
22	+65 12345683	2	5	NULL	NULL	2024-02-15 17:03:07.000	Buy	3400.00
23	+65 12345683	2	NULL	1	NULL	2024-02-28 17:55:19.000	Buy	4400.00
24	+65 12345684	1	6	NULL	NULL	2024-01-08 19:20:51.000	Buy	2600.00
25	+65 12345684	1	NULL	NULL	8	2024-01-15 05:03:42.000	Buy	3300.00
26	+65 12345684	1	NULL	2	NULL	2024-02-21 08:08:19.000	Buy	2300.00
27	+65 12345684	1	5	NULL	NULL	2024-02-21 19:28:06.000	Buy	800.00
28	+65 12345684	2	6	NULL	NULL	2024-02-26 04:13:30.000	Buy	1700.00
29	+65 12345684	2	NULL	NULL	8	2024-02-27 16:12:35.000	Buy	2900.00
30	+65 12345685	1	6	NULL	NULL	2024-02-04 10:13:45.000	Buy	1400.00
31	+65 12345685	1	NULL	2	NULL	2024-03-05 14:32:51.000	Buy	2600.00
32	+65 12345685	2	NULL	NULL	7	2024-02-13 16:29:08.000	Buy	1400.00
33	+65 12345685	2	6	NULL	NULL	2024-02-18 05:03:55.000	Buy	1300.00
34	+65 12345685	2	NULL	2	NULL	2024-03-01 16:38:12.000	Buy	3200.00
35	+65 12345686	1	5	NULL	NULL	2024-01-26 16:31:33.000	Buy	1500.00
36	+65 12345686	1	NULL	1	NULL	2024-02-15 07:08:01.000	Buy	1600.00
37	+65 12345686	1	NULL	NULL	9	2024-02-23 22:11:07.000	Buy	900.00
38	+65 12345686	2	NULL	NULL	7	2024-01-18 17:29:04.000	Buy	3100.00
39	+65 12345686	2	6	NULL	NULL	2024-02-12 18:52:41.000	Buy	900.00
40	+65 12345686	2	NULL	1	NULL	2024-02-16 08:06:25.000	Buy	600.00
41	+65 12345687	1	NULL	NULL	8	2024-01-20 14:13:23.000	Buy	2400.00
42	+65 12345687	1	NULL	1	NULL	2024-01-26 01:36:21.000	Buy	3300.00
43	+65 12345688	1	NULL	3	NULL	2024-02-12 21:34:14.000	Buy	2900.00
44	+65 12345688	1	5	NULL	NULL	2024-02-20 19:01:45.000	Buy	4800.00
45	+65 12345688	1	NULL	NULL	7	2024-03-03 10:51:27.000	Buy	4800.00
46	+65 12345689	1	NULL	2	NULL	2024-02-03 19:12:02.000	Buy	4400.00
47	+65 12345689	1	5	NULL	NULL	2024-03-05 19:20:28.000	Buy	1700.00
48	+65 12345689	2	NULL	1	NULL	2024-02-06 10:01:51.000	Buy	2500.00
49	+65 12345689	2	5	NULL	NULL	2024-02-12 02:42:14.000	Buy	2000.00
50	+65 12345690	1	NULL	NULL	9	2024-01-17 01:42:36.000	Buy	4300.00
51	+65 12345690	1	4	NULL	NULL	2024-02-02 20:32:06.000	Buy	800.00
52	+65 12345690	1	NULL	1	NULL	2024-02-13 09:20:37.000	Buy	3400.00
53	+65 12345690	2	NULL	2	NULL	2024-01-23 10:50:54.000	Buy	4300.00
54	+65 12345691	1	NULL	1	NULL	2024-02-15 07:36:11.000	Buy	4200.00
55	+65 12345691	1	NULL	NULL	9	2024-02-27 08:02:21.000	Buy	4700.00
56	+65 12345691	1	NULL	2	NULL	2024-03-08 03:16:38.000	Buy	3500.00
57	+65 12345691	2	4	NULL	NULL	2024-02-04 21:13:30.000	Buy	3500.00
58	+65 12345691	2	NULL	NULL	8	2024-02-07 09:32:55.000	Buy	3100.00
59	+65 12345691	2	NULL	3	NULL	2024-02-29 21:13:58.000	Buy	3500.00
60	+65 12345692	1	5	NULL	NULL	2024-02-01 10:59:22.000	Buy	1000.00
61	+65 12345692	2	NULL	NULL	7	2024-01-18 19:16:26.000	Buy	1100.00
62	+65 12345692	2	6	NULL	NULL	2024-02-20 08:24:44.000	Buy	2000.00
63	+65 12345692	2	NULL	2	NULL	2024-03-06 20:47:18.000	Buy	3100.00
64	+65 12345693	1	NULL	NULL	8	2024-02-03 10:34:33.000	Buy	1700.00
65	+65 12345693	1	5	NULL	NULL	2024-02-03 18:50:51.000	Buy	2800.00
66	+65 12345693	1	NULL	NULL	9	2024-02-08 00:10:26.000	Buy	800.00
67	+65 12345694	1	NULL	NULL	9	2024-02-16 17:11:40.000	Buy	4000.00
68	+65 12345694	1	6	NULL	NULL	2024-02-19 03:01:31.000	Buy	2600.00

69	+65 12345694	1	4	NULL	NULL	2024-03-05 07:58:05.000	Buy	3000.00
70	+65 12345695	1	NULL	NULL	9	2024-02-09 23:13:24.000	Buy	2500.00
71	+65 12345695	1	NULL	2	NULL	2024-02-20 23:01:24.000	Buy	4000.00
72	+65 12345695	1	NULL	3	NULL	2024-03-17 05:38:53.000	Buy	3300.00
73	+65 12345696	1	NULL	NULL	9	2024-01-24 12:55:52.000	Buy	3600.00
74	+65 12345696	1	6	NULL	NULL	2024-01-29 09:14:18.000	Buy	1400.00
75	+65 12345696	1	5	NULL	NULL	2024-02-23 10:39:37.000	Buy	3000.00
76	+65 12345696	1	NULL	1	NULL	2024-03-16 20:46:47.000	Buy	1000.00
77	+65 12345696	2	NULL	NULL	7	2024-02-28 19:06:04.000	Buy	2900.00
78	+65 12345696	2	NULL	3	NULL	2024-03-18 08:34:41.000	Buy	4100.00
79	+65 12345697	1	NULL	NULL	7	2024-02-10 00:14:17.000	Buy	3800.00
80	+65 12345697	1	6	NULL	NULL	2024-02-19 02:56:42.000	Buy	2600.00
81	+65 12345697	1	NULL	3	NULL	2024-03-10 21:53:36.000	Buy	1300.00
82	+65 12345697	2	5	NULL	NULL	2024-01-22 13:53:49.000	Buy	4000.00
83	+65 12345697	2	NULL	1	NULL	2024-02-06 09:28:20.000	Buy	1400.00
84	+65 12345697	2	NULL	NULL	8	2024-02-07 02:36:53.000	Buy	3600.00
85	+65 12345698	1	NULL	3	NULL	2024-01-21 05:36:57.000	Buy	4300.00
86	+65 12345698	1	4	NULL	NULL	2024-02-19 09:00:37.000	Buy	3400.00
87	+65 12345698	1	NULL	1	NULL	2024-03-13 16:05:48.000	Buy	4900.00
88	+65 12345698	2	NULL	1	NULL	2024-02-19 08:56:35.000	Buy	4200.00
89	+65 12345698	2	4	NULL	NULL	2024-03-17 07:27:27.000	Buy	2300.00
90	+65 12345699	1	NULL	1	NULL	2024-02-03 13:42:38.000	Buy	4000.00
91	+65 12345699	1	5	NULL	NULL	2024-03-04 10:40:16.000	Buy	1100.00
92	+65 12345699	2	NULL	3	NULL	2024-02-12 13:40:26.000	Buy	2700.00
93	+65 12345699	2	6	NULL	NULL	2024-03-01 13:10:52.000	Buy	3500.00
94	+65 12345700	1	6	NULL	NULL	2024-03-02 20:03:05.000	Buy	1100.00
95	+65 12345700	2	NULL	NULL	8	2024-01-29 00:40:01.000	Buy	800.00
96	+65 12345700	2	NULL	2	NULL	2024-02-28 14:11:38.000	Buy	3700.00
97	+65 12345700	2	4	NULL	NULL	2024-03-03 07:03:22.000	Buy	4300.00
98	+65 12345701	1	NULL	NULL	9	2024-01-25 10:45:36.000	Buy	2000.00
99	+65 12345701	1	5	NULL	NULL	2024-03-22 17:18:35.000	Buy	5000.00
100	+65 12345701	2	6	NULL	NULL	2024-01-29 19:12:11.000	Buy	4200.00
101	+65 12345701	2	NULL	2	NULL	2024-02-18 15:46:19.000	Buy	2600.00
102	+65 12345701	2	NULL	NULL	9	2024-03-06 04:40:32.000	Buy	2400.00
103	+65 12345702	1	6	NULL	NULL	2024-02-02 19:19:53.000	Buy	4700.00
104	+65 12345702	1	NULL	NULL	8	2024-02-07 19:03:03.000	Buy	2700.00
105	+65 12345702	1	NULL	3	NULL	2024-02-25 22:51:43.000	Buy	900.00
106	+65 12345702	2	4	NULL	NULL	2024-01-27 00:06:40.000	Buy	4800.00
107	+65 12345702	2	5	NULL	NULL	2024-02-25 01:33:19.000	Buy	3100.00
108	+65 12345702	2	NULL	NULL	9	2024-02-28 12:25:08.000	Buy	2700.00
109	+65 12345703	1	NULL	1	NULL	2024-01-31 14:58:15.000	Buy	1800.00
110	+65 12345703	1	4	NULL	NULL	2024-02-11 21:45:47.000	Buy	600.00
111	+65 12345703	1	6	NULL	NULL	2024-02-21 17:22:32.000	Buy	3900.00
112	+65 12345703	1	NULL	NULL	7	2024-02-25 12:11:56.000	Buy	3900.00
113	+65 12345703	1	NULL	NULL	9	2024-03-23 02:42:20.000	Buy	1900.00
114	+65 12345704	1	NULL	1	NULL	2024-02-27 23:14:09.000	Buy	2000.00
115	+65 12345704	1	4	NULL	NULL	2024-03-05 15:44:24.000	Buy	4500.00
116	+65 12345705	1	NULL	NULL	8	2024-02-18 02:01:27.000	Buy	2600.00
117	+65 12345705	1	5	NULL	NULL	2024-02-18 02:14:06.000	Buy	1300.00
118	+65 12345705	1	6	NULL	NULL	2024-03-11 12:04:51.000	Buy	4800.00
119	+65 12345706	1	NULL	NULL	8	2024-02-10 17:33:31.000	Buy	3800.00
120	+65 12345706	1	4	NULL	NULL	2024-02-24 18:56:57.000	Buy	2400.00
121	+65 12345706	1	6	NULL	NULL	2024-03-06 11:16:46.000	Buy	2300.00
122	+65 12345707	1	5	NULL	NULL	2024-02-14 14:17:49.000	Buy	3900.00
123	+65 12345708	1	6	NULL	NULL	2024-02-05 10:21:10.000	Buy	1500.00
124	+65 12345708	1	NULL	NULL	9	2024-03-09 01:39:49.000	Buy	1300.00
125	+65 12345708	1	NULL	1	NULL	2024-03-28 03:08:08.000	Buy	3900.00
126	+65 12345708	2	6	NULL	NULL	2024-03-18 04:42:40.000	Buy	4100.00
127	+65 12345709	1	4	NULL	NULL	2024-02-01 18:55:51.000	Buy	3100.00
128	+65 12345709	1	NULL	NULL	7	2024-02-04 03:33:52.000	Buy	4300.00
129	+65 12345709	1	NULL	2	NULL	2024-02-26 00:03:07.000	Buy	3400.00
130	+65 12345709	2	6	NULL	NULL	2024-02-17 18:04:26.000	Buy	700.00
131	+65 12345709	2	NULL	2	NULL	2024-02-19 08:08:58.000	Buy	2600.00
132	+65 12345709	2	NULL	NULL	7	2024-03-26 10:57:00.000	Buy	1400.00
133	+65 12345710	1	6	NULL	NULL	2024-03-13 20:52:20.000	Buy	2600.00
134	+65 12345710	1	5	NULL	NULL	2024-03-24 03:40:39.000	Buy	3200.00

135	+65 12345710	1	NULL	NULL	7	2024-03-24 20:52:39.000	Buy	2400.00
136	+65 12345710	2	NULL	NULL	9	2024-03-08 22:14:14.000	Buy	2300.00
137	+65 12345710	2	NULL	3	NULL	2024-03-10 03:05:10.000	Buy	500.00
138	+65 12345711	1	NULL	NULL	8	2024-02-05 05:38:46.000	Buy	1000.00
139	+65 12345711	1	4	NULL	NULL	2024-02-24 03:01:21.000	Buy	1600.00
140	+65 12345711	2	NULL	NULL	9	2024-02-21 16:50:02.000	Buy	4400.00
141	+65 12345711	2	4	NULL	NULL	2024-03-07 04:53:22.000	Buy	5000.00
142	+65 12345712	1	5	NULL	NULL	2024-02-29 01:15:11.000	Buy	3100.00
143	+65 12345712	1	NULL	1	NULL	2024-03-10 03:50:00.000	Buy	4900.00
144	+65 12345712	1	NULL	NULL	8	2024-03-19 02:57:48.000	Buy	4300.00
145	+65 12345712	2	NULL	NULL	8	2024-02-25 22:26:02.000	Buy	4600.00
146	+65 12345712	2	4	NULL	NULL	2024-04-03 03:45:22.000	Buy	1900.00
147	+65 12345713	1	NULL	NULL	7	2024-02-11 15:43:25.000	Buy	2900.00
148	+65 12345713	1	4	NULL	NULL	2024-03-02 02:06:11.000	Buy	4800.00
149	+65 12345713	1	NULL	3	NULL	2024-03-25 07:47:10.000	Buy	2800.00
150	+65 12345713	1	5	NULL	NULL	2024-03-27 16:00:09.000	Buy	1100.00
151	+65 12345713	2	5	NULL	NULL	2024-02-20 11:57:36.000	Buy	2800.00
152	+65 12345713	2	NULL	NULL	9	2024-03-04 07:07:31.000	Buy	1200.00
153	+65 12345713	2	NULL	2	NULL	2024-03-10 23:41:40.000	Buy	4100.00
154	+65 12345713	2	NULL	NULL	8	2024-03-13 07:54:58.000	Buy	700.00
155	+65 12345714	1	NULL	1	NULL	2024-03-03 11:53:56.000	Buy	2400.00
156	+65 12345714	1	NULL	NULL	7	2024-03-28 03:49:08.000	Buy	2200.00
157	+65 12345715	1	NULL	1	NULL	2024-02-07 19:14:01.000	Buy	2700.00
158	+65 12345715	1	4	NULL	NULL	2024-02-12 00:44:41.000	Buy	500.00
159	+65 12345715	1	NULL	NULL	7	2024-02-18 22:11:04.000	Buy	3100.00
160	+65 12345715	1	NULL	NULL	8	2024-04-07 10:47:51.000	Buy	1400.00
161	+65 12345716	1	NULL	3	NULL	2024-03-08 13:02:13.000	Buy	2500.00
162	+65 12345716	1	NULL	2	NULL	2024-03-09 16:06:00.000	Buy	2900.00
163	+65 12345716	1	NULL	NULL	7	2024-03-22 09:11:04.000	Buy	4400.00
164	+65 12345717	1	NULL	2	NULL	2024-02-24 04:20:04.000	Buy	5000.00
165	+65 12345717	1	NULL	NULL	8	2024-03-12 21:05:04.000	Buy	2000.00
166	+65 12345717	1	NULL	NULL	7	2024-04-08 17:08:09.000	Buy	4300.00
167	+65 12345717	2	NULL	2	NULL	2024-03-31 21:37:56.000	Buy	600.00
168	+65 12345717	2	NULL	3	NULL	2024-04-06 23:54:21.000	Buy	2700.00
169	+65 12345717	2	NULL	NULL	9	2024-04-07 20:58:47.000	Buy	1200.00
170	+65 12345718	1	NULL	2	NULL	2024-03-11 01:27:41.000	Buy	4600.00
171	+65 12345718	1	NULL	NULL	9	2024-03-11 18:13:26.000	Buy	2900.00
172	+65 12345718	2	NULL	2	NULL	2024-03-26 19:36:40.000	Buy	2500.00
173	+65 12345718	2	NULL	NULL	9	2024-04-06 11:02:38.000	Buy	3100.00
174	+65 12345719	1	NULL	NULL	8	2024-03-13 06:28:47.000	Buy	4500.00
175	+65 12345719	1	NULL	NULL	7	2024-03-14 10:41:14.000	Buy	3400.00
176	+65 12345719	1	6	NULL	NULL	2024-03-15 12:21:27.000	Buy	2500.00
177	+65 12345719	2	NULL	NULL	9	2024-04-08 16:36:37.000	Buy	3400.00
178	+65 12345719	2	NULL	3	NULL	2024-04-09 16:27:53.000	Buy	4500.00
179	+65 12345719	2	NULL	NULL	7	2024-04-11 12:22:02.000	Buy	4500.00
180	+65 12345720	1	NULL	NULL	9	2024-02-20 20:09:23.000	Buy	3000.00
181	+65 12345720	1	6	NULL	NULL	2024-03-07 05:30:40.000	Buy	1600.00
182	+65 12345720	1	4	NULL	NULL	2024-04-10 14:23:48.000	Buy	4500.00
183	+65 12345720	2	NULL	NULL	9	2024-03-26 16:52:51.000	Buy	4100.00
184	+65 12345720	2	NULL	1	NULL	2024-03-29 08:25:09.000	Buy	1100.00
185	+65 12345721	1	5	NULL	NULL	2024-02-26 21:56:59.000	Buy	4400.00
186	+65 12345721	1	NULL	NULL	7	2024-03-04 21:49:40.000	Buy	4600.00
187	+65 12345721	1	NULL	NULL	9	2024-04-10 00:18:38.000	Buy	2400.00
188	+65 12345721	2	NULL	NULL	8	2024-02-14 08:34:14.000	Buy	1300.00
189	+65 12345721	2	6	NULL	NULL	2024-02-27 05:44:53.000	Buy	1700.00
190	+65 12345722	1	NULL	3	NULL	2024-02-14 10:25:14.000	Buy	4600.00
191	+65 12345722	1	NULL	1	NULL	2024-02-15 13:14:07.000	Buy	2000.00
192	+65 12345722	1	NULL	NULL	8	2024-02-27 16:52:11.000	Buy	2900.00
193	+65 12345722	1	NULL	NULL	7	2024-03-11 10:00:06.000	Buy	500.00
194	+65 12345722	2	NULL	NULL	7	2024-03-09 19:18:56.000	Buy	4900.00
195	+65 12345723	1	NULL	NULL	8	2024-04-12 06:24:48.000	Buy	2900.00
196	+65 12345723	1	NULL	2	NULL	2024-04-13 08:02:43.000	Buy	1700.00
197	+65 12345723	2	NULL	NULL	8	2024-03-12 19:28:26.000	Buy	1500.00
198	+65 12345723	2	NULL	3	NULL	2024-03-31 21:51:46.000	Buy	3200.00
199	+65 12345724	1	NULL	NULL	8	2024-04-08 01:24:45.000	Buy	2300.00
200	+65 12345724	1	NULL	1	NULL	2024-04-16 04:06:51.000	Buy	2300.00
201	+65 12345725	1	4	NULL	NULL	2024-02-18 14:48:00.000	Buy	2300.00
202	+65 12345725	1	NULL	NULL	8	2024-03-30 02:56:32.000	Buy	800.00
203	+65 12345726	1	NULL	NULL	8	2024-02-25 19:52:58.000	Buy	3600.00
204	+65 12345726	2	NULL	1	NULL	2024-03-16 02:32:24.000	Buy	2000.00
205	+65 12345726	2	NULL	3	NULL	2024-03-24 07:35:22.000	Buy	2300.00
206	+65 12345726	2	4	NULL	NULL	2024-04-05 22:25:18.000	Buy	1300.00
207	+65 12345726	2	NULL	NULL	8	2024-04-16 01:09:04.000	Buy	2500.00
208	+65 12345727	1	NULL	NULL	9	2024-03-04 11:40:54.000	Buy	4800.00
209	+65 12345727	1	NULL	NULL	8	2024-03-25 14:25:22.000	Buy	4600.00
210	+65 12345727	2	NULL	NULL	9	2024-03-22 10:20:58.000	Buy	3200.00
211	+65 12345727	2	NULL	1	NULL	2024-04-05 16:32:22.000	Buy	2500.00
212	+65 12345727	2	5	NULL	NULL	2024-04-18 22:04:05.000	Buy	900.00