

# Analyze and present data with Excel

## Project Description

This assignment asks you to create a polished Sales Report from raw data. While you work through the steps to create the Sales Report, you can use the linked image files as an example of what each sheet in the completed Workbook should look like.



## Import Libraries

```
In [1]: import numpy as np
from numpy import count_nonzero, median, mean
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
import plotly.express as px
import random

import statmodels.api as sm
import statmodels.formula.api as smf
from statmodels.formula.api import ols

import datetime
from datetime import datetime, timedelta

import scipy.stats
from collections import Counter

%matplotlib inline
#set the default autoreview frequency in seconds
%autoreview 60
sns.set_style('dark')
sns.set(font_scale=1.2)

plt.rc('axes', titlesize=9)
plt.rc('axes', labelsize=14)
plt.rc('xtick', labelsize=12)
plt.rc('ytick', labelsize=12)

import warnings
warnings.filterwarnings('ignore')

# Use Feature-Engine library
# Import feature_engine
# from feature_engine import Imputation as mdi
# from feature_engine.outlier_removal import Winsorizer
# from feature_engine import categorical_encoders as ce
# from feature_engine.discretisation import EqualWidthDiscretiser, EqualFrequencyDiscretiser
# from feature_engine.discretisation import ArbitraryDiscretiser, DecisionTreeDiscretiser
# from feature_engine.encoding import OrdinalEncoder

pd.set_option('display.max_columns',None)
#pd.set_option('display.max_rows',None)
pd.set_option('display.width', 1000)
pd.set_option('display.float_format', '{:1.2f}'.format)

random.seed(0)
np.random.seed(0)
np.set_printoptions(suppress=True)

Autosaving every 60 seconds
```

## All Sales sheet

The workbook currently has a single worksheet. Rename this sheet to All Sales. Sort the data to organize it initially by Month and then by Sales Area.

```
In [2]: df = pd.read_csv("Completed.csv", parse_dates=['Month'], dayfirst=True)

In [3]: df

Out[3]:
```

	Month	Employee	First Name	Last Name	Sales Area	Sales Amount	Payment Type	Targets	Commission
0	2021-01-01	Reza Jafari	Reza	Jafari	East	2954.70	Cash	15000	0.00
1	2021-01-01	Olivia Cheung	Olivia	Cheung	South	3008.40	Cash	15000	0.00
2	2021-01-01	Bryan Maldonado	Bryan	Maldonado	East	6796.80	Credit Card	15000	0.00
3	2021-01-01	Nina McDonald	Nina	McDonald	West	6945.40	On Account	15000	0.00
4	2021-01-01	Jason Jackaki	Jason	Jackaki	South	7221.60	On Account	15000	0.00
...	...	...	...	...	...	...	...	...	...
384	2021-12-01	Gordon Beswick	Gordon	Beswick	East	31970.80	Credit Card	15000	3197.08
385	2021-12-01	Ashley Almanza	Ashley	Almanza	East	41520.00	Credit Card	15000	4152.00
386	2021-12-01	Olivia Cheung	Olivia	Cheung	South	43593.60	Cash	15000	4359.36
387	2021-12-01	Jonah Seitz	Jonah	Seitz	North	43974.00	Credit Card	15000	4397.40
388	2021-12-01	Ashley Almanza	Ashley	Almanza	East	45801.00	Cash	15000	4580.10

389 rows × 9 columns

```
In [4]: df["Mth"] = df["Month"].dt.month

In [5]: df

Out[5]:
```

	Month	Employee	First Name	Last Name	Sales Area	Sales Amount	Payment Type	Targets	Commission	Mth
0	2021-01-01	Reza Jafari	Reza	Jafari	East	2954.70	Cash	15000	0.00	1
1	2021-01-01	Olivia Cheung	Olivia	Cheung	South	3008.40	Cash	15000	0.00	1
2	2021-01-01	Bryan Maldonado	Bryan	Maldonado	East	6796.80	Credit Card	15000	0.00	1
3	2021-01-01	Nina McDonald	Nina	McDonald	West	6945.40	On Account	15000	0.00	1
4	2021-01-01	Jason Jackaki	Jason	Jackaki	South	7221.60	On Account	15000	0.00	1
...	...	...	...	...	...	...	...	...	...	...
384	2021-12-01	Gordon Beswick	Gordon	Beswick	East	31970.80	Credit Card	15000	3197.08	12
385	2021-12-01	Ashley Almanza	Ashley	Almanza	East	41520.00	Credit Card	15000	4152.00	12
386	2021-12-01	Olivia Cheung	Olivia	Cheung	South	43593.60	Cash	15000	4359.36	12
387	2021-12-01	Jonah Seitz	Jonah	Seitz	North	43974.00	Credit Card	15000	4397.40	12
388	2021-12-01	Ashley Almanza	Ashley	Almanza	East	45801.00	Cash	15000	4580.10	12

389 rows × 10 columns

```
In [6]: df.sort_values(by="Sales_Area")

Out[6]:
```

	Month	Employee	First Name	Last Name	Sales Area	Sales Amount	Payment Type	Targets	Commission	Mth
0	2021-01-01	Reza Jafari	Reza	Jafari	East	2954.70	Cash	15000	0.00	1
150	2021-05-01	Reza Jafari	Reza	Jafari	East	19584.00	Cash	15000	1958.40	5
156	2021-05-01	Ashley Almanza	Ashley	Almanza	East	26546.60	Cash	15000	2654.66	5
161	2021-05-01	Ashley Almanza	Ashley	Almanza	East	31200.00	Cash	15000	3120.00	5
164	2021-06-01	Ashley Almanza	Ashley	Almanza	East	2070.30	Credit Card	15000	0.00	6
...	...	...	...	...	...	...	...	...	...	...
126	2021-04-01	Josh Sutherland	Josh	Sutherland	West	18188.40	Cash	15000	1818.84	4
125	2021-04-01	Ally Bryant	Ally	Bryant	West	17993.50	Credit Card	15000	1799.35	4
278	2021-09-01	Ally Bryant	Ally	Bryant	West	16363.90	Credit Card	15000	1636.39	9
31	2021-01-01	Spencer Cruz	Spencer	Cruz	West	36372.10	Credit Card	15000	3637.21	1
277	2021-09-01	Nina McDonald	Nina	McDonald	West	15152.40	On Account	15000	1515.24	9

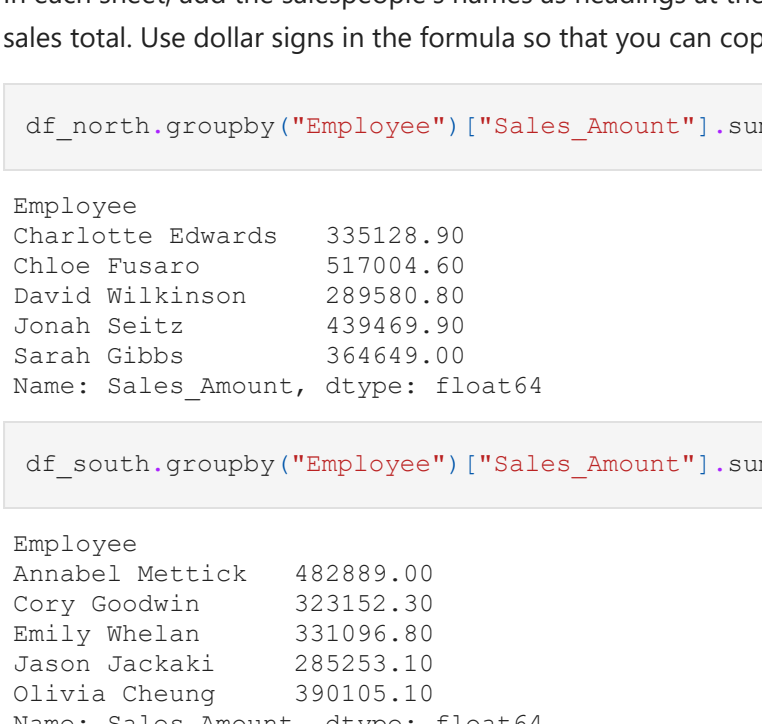
389 rows × 10 columns

## North, South, East, and West sheets

Add a Conditional Format rule to the Sales Amount column in each area sheet which highlights the top 5 values in color.

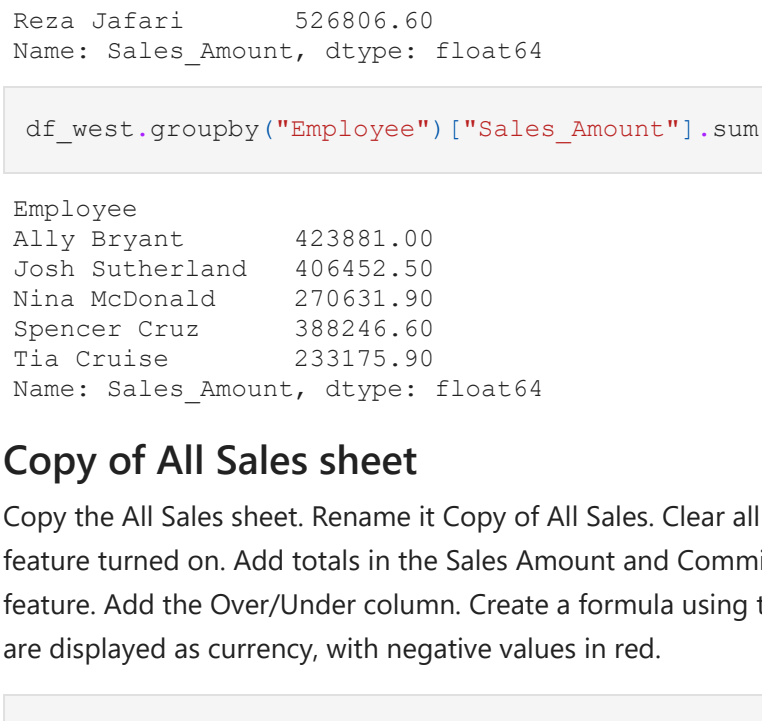
```
In [7]: df_north = df[df["Sales_Area"] == "North"]
df_north["Sales_Amount"].nlargest(5)

Out[7]:
```



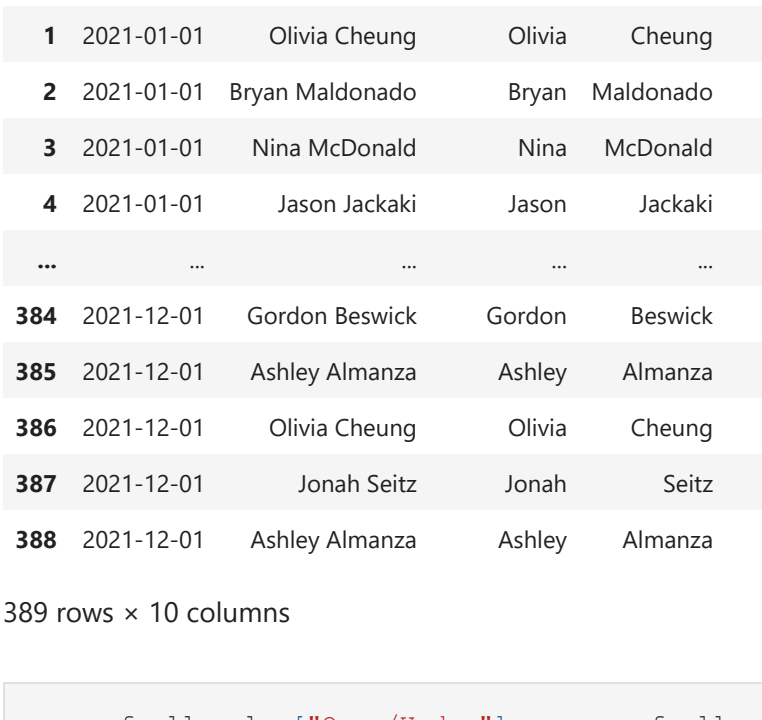
```
In [9]: df_south = df[df["Sales_Area"] == "South"]
df_south["Sales_Amount"].nlargest(5)

Out[9]:
```



```
In [11]: df_east = df[df["Sales_Area"] == "East"]
df_east["Sales_Amount"].nlargest(5)

Out[11]:
```



```
In [13]: df_west = df[df["Sales_Area"] == "West"]
df_west["Sales_Amount"].nlargest(5)

Out[13]:
```



In each sheet, add the salespeople's names as headings at the top right. For the first salesperson in each sheet, use SUMIF to calculate their sales total. Use dollar signs in the formula so that you can copy the formula to the right.

```
In [15]: df_north.groupby("Employee")["Sales_Amount"].sum()

Out[15]:
```

Employee	
Charlotte Edwards	335128.90
Chloe Huaro	517004.60
David Wilkinson	289580.80
Jonah Seitz	439469.90
Sarah Gibbs	364649.00
Name: Sales_Amount, dtype: float64	

```
In [16]: df_south.groupby("Employee")["Sales_Amount"].sum()

Out[16]:
```

Employee	
Annabel Mettick	482889.00
Cory Goodwin	227895.80
Emily Whelan	330096.80
Jason Jackaki	285203.10
Olivia Cheung	390205.10
Name: Sales_Amount, dtype: float64	

```
In [17]: df_east.groupby("Employee")["Sales_Amount"].sum()

Out[17]:
```

Employee	
Ashley Almanza	368364.80
Bryan Maldonado	406452.50
Derek Goodwin	371911.90
Gordon Beswick	310834.50
Reza Jafari	52686.60
Name: Sales_Amount, dtype: float64	

```
In [18]: df_west.groupby("Employee")["Sales_Amount"].sum()

Out[18]:
```

Employee	
Ally Bryant	423881.00
Josh Sutherland	406452.50
Nina McDonald	270631.90
Spencer Cruz	388246.60
Tina Cruise	233175.90
Name: Sales_Amount, dtype: float64	

## Copy of All Sales sheet

Copy the All Sales sheet. Rename it Copy of All Sales. Clear all formatting from the titles. Make the data into a table with the Total Row feature turned on. Add totals in the Sales Amount and Commission columns. Name the table Sales\_Data and format it with the style feature. Add the Over/Under column. Create a formula using table references to calculate this. Change the formatting so that the results are displayed as currency, with negative values in red.

```
In [19]: copy_of_all_sales = df.copy()

In [20]: copy_of_all_sales

Out[20]:
```

	Month	Employee	First Name	Last Name	Sales Area	Sales Amount	Payment Type	Targets	Commission	Mth	Over/Under
0	2021-01-01	Reza Jafari	Reza	Jafari	East	2954.70	Cash	15000	0.00	1	-12045.30
1	2021-01-01	Olivia Cheung	Olivia	Cheung	South	3008.40	Cash	15000	0.00	1	-11997.60
2	2021-01-01	Bryan Maldonado	Bryan	Maldonado	East	6796.80	Credit Card	15000	0.00	1	-8203.20
3	2021-01-01	Nina McDonald	Nina	McDonald	West	6945.40	On Account	15000	0.00	1	-8054.60
4	2021-01-01	Jason Jackaki	Jason	Jackaki	South	7221.60	On Account	15000	0.00	1	-7778.40
...	...	...	...	...	...	...	...	...	...	...	...
384	2021-12-01	Gordon Beswick	Gordon	Beswick	East	31970.80	Credit Card	15000	3197.08	12	16970.80
385	2021-12-01	Ashley Almanza	Ashley	Almanza	East	41520.00	Credit Card	15000	4152.00	12	26520.00
386	2021-12-01	Olivia Cheung	Olivia	Cheung	South	43593.60	Cash	15000	4359.36	12	28593.60
387	2021-12-01	Jonah Seitz	Jonah	Seitz	North	43974.00	Credit Card	15000	4397.40	12	28974.00
388	2021-12-01	Ashley Almanza	Ashley	Almanza	East	45801.00	Cash	15000	4580.10	12	30801.00

389 rows × 11 columns

```
In [23]: def red_font_negatives(series):
highlight = 'color: red;'
default = ''
return [highlight if e < 0 else default for e in series]

In [24]: copy_of_all_sales.style.apply(red_font_negatives, axis=1, subset=["Over/Under"])
```



	Month	Employee	First_Name	Last_Name	Sales_Area	Sales_Amount	Payment_Type	Targets	Commission	Mth	Over/Under
Q3-2023	0	Reza Jafari	Reza	Jafari	East	2954.700000	Cash	15000	0.000000	1	-12045.300000
	1	Olivia Cheung	Olivia	Cheung	South	3008.400000	Cash	15000	0.000000	1	-11991.600000
	2	Bryan Maldonado	Bryan	Maldonado	East	6796.800000	Credit Card	15000	0.000000	1	-8203.200000
Q3-2023	3	Nina McDonald	Nina	McDonald	West	6945.400000	On Account	15000	0.000000	1	-8054.600000
	4	Jason Jackaki	Jason	Jackaki	South	7221.600000	On Account	15000	0.000000	1	-7778.400000
	5	Nina McDonald	Nina	McDonald	West	7658.200000	On Account	15000	0.000000	1	-7341.800000
Q3-2023	6	Ally Bryant	Ally	Bryant	West	7658.600000	Cash	15000	0.000000	1	-7341.400000
	7	Bryan Maldonado	Bryan	Maldonado	East	8188.000000	On Account	15000	0.000000	1	-6812.000000
	8	Reza Jafari	Reza	Jafari	East	9058.400000	Credit Card	15000	0.000000	1	-5941.600000
Q3-2023	9	Josh Sutherland	Josh	Sutherland	West	9098.600000	On Account	15000	0.000000	1	-5991.400000
	10	Nina McDonald	Nina	McDonald	West	10019.200000	On Account	15000	0.000000	1	-4980.800000
	11	Ally Bryant	Ally	Bryant	West	10176.000000	Cash	15000	0.000000	1	-4834.000000
Q3-2023	12	Olivia Cheung	Olivia	Cheung	South	10903.200000	Cash	15000	0.000000	1	-4096.800000
	13	Bryan Maldonado	Bryan	Maldonado	East	12096.000000	On Account	15000	0.000000	1	-2904.000000
	14	Chloe Fusaro	Chloe	Fusaro	North	13310.400000	Credit Card	15000	0.000000	1	-1689.600000
Q3-2023	15	Annabel Mettick	Annabel	Mettick	South	14616.000000	Cash	15000	0.000000	1	-1384.000000
	16	Ashley Almanza	Ashley	Almanza	East	15029.000000	Cash	15000	1502.900000	1	29.000000
	17	Ashley Almanza	Ashley	Almanza	East	15264.000000	Cash	15000	1526.400000	1	264.000000
Q3-2023	18	Josh Sutherland	Josh	Sutherland	West	16385.600000	Credit Card	15000	1638.560000	1	1385.600000
	19	Ashley Almanza	Ashley	Almanza	East	17353.600000	Credit Card	15000	1735.360000	1	2353.600000
	20	Emily Whelan	Emily	Whelan	South	18885.900000	On Account	15000	1888.590000	1	3885.900000
Q3-2023	21	Ally Bryant	Ally	Bryant	West	19108.000000	Cash	15000	1910.800000	1	4108.000000
	22	Nina McDonald	Nina	McDonald	West	19456.000000	Credit Card	15000	1945.600000	1	4456.000000
	23	Derek Godwin	Derek	Godwin	East	20140.000000	On Account	15000	2014.000000	1	5140.000000
Q3-2023	24	David Wilkinson	David	Wilkinson	North	20366.100000	On Account	15000	2036.610000	1	5366.100000
	25	David Wilkinson	David	Wilkinson	North	20880.000000	Credit Card	15000	2088.000000	1	5880.000000
	26	Chloe Fusaro	Chloe	Fusaro	North	23076.200000	Credit Card	15000	2307.620000	1	8076.200000
Q3-2023	27	Emily Whelan	Emily	Whelan	South	24236.000000	Credit Card	15000	2423.600000	1	9236.000000
	28	Chloe Fusaro	Chloe	Fusaro	North	25560.000000	Credit Card	15000	2556.000000	1	10560.000000
	29	Spencer Cruz	Spencer	Cruz	West	31127.200000	On Account	15000	3112.720000	1	16127.200000
Q3-2023	30	Derek Godwin	Derek	Godwin	East	35649.000000	Credit Card	15000	3564.900000	1	20649.000000
	31	Spencer Cruz	Spencer	Cruz	West	36372.100000	Credit Card	15000	3637.210000	1	21372.100000
	32	Ally Bryant	Ally	Bryant	West	39186.000000	Cash	15000	3918.600000	1	24186.000000
Q3-2023	33	Spencer Cruz	Spencer	Cruz	West	46716.000000	Credit Card	15000	4671.600000	1	31716.000000
	34	Annabel Mettick	Annabel	Mettick	South	3596.000000	Cash	15000	0.000000	2	-11404.000000
	35	Nina McDonald	Nina	McDonald	West	4531.000000	On Account	15000	0.000000	2	-10469.000000
Q3-2023	36	Cory Goodwin	Cory	Goodwin	South	6300.000000	On Account	15000	0.000000	2	-8790.000000
	37	Tia Cruise	Tia	Cruise	West	6751.800000	Cash	15000	0.000000	2	-8248.200000
	38	Annabel Mettick	Annabel	Mettick	South	6804.000000	Credit Card	15000	0.000000	2	-8196.000000
Q3-2023	39	Nina McDonald	Nina	McDonald	West	7345.200000	Cash	15000	0.000000	2	-7656.800000
	40	Nina McDonald	Nina	McDonald	West	7356.600000	Credit Card	15000	0.000000	2	-7643.400000
	41	Gordon Bewick	Gordon	Bewick	East	7717.500000	On Account	15000	0.000000	2	-7282.500000
Q3-2023	42	Jason Jackaki	Jason	Jackaki	South	8524.400000	On Account	15000	0.000000	2	-6475.600000
	43	Annabel Mettick	Annabel	Mettick	South	8772.000000	On Account	15000	0.000000	2	-6228.000000
	44	Gordon Bewick	Gordon	Bewick	East	11617.600000	Cash	15000	0.000000	2	-3382.400000
Q3-2023	45	David Wilkinson	David	Wilkinson	North	13479.400000	On Account	15000	0.000000	2	-1520.600000
	46	Chloe Fusaro	Chloe	Fusaro	North	16604.400000	Cash	15000	1660.440000	2	1604.400000
	47	Annabel Mettick	Annabel	Mettick	South	17328.300000	On Account	15000	1732.830000	2	2328.300000
Q3-2023	48	Tia Cruise	Tia	Cruise	West	17748.000000	Credit Card	15000	1774.800000	2	2748.000000
	49	Derek Godwin	Derek	Godwin	East	19431.000000	Cash	15000	1943.100000	2	4431.000000
	50	Ashley Almanza	Ashley	Almanza	East	21169.600000	Cash	15000	2116.960000	2	6169.600000
Q3-2023	51	Cory Goodwin	Cory	Goodwin	South	21438.900000	Credit Card	15000	2143.890000	2	6438.900000
	52	Sarah Gibbs	Sarah	Gibbs	North	22176.000000	Cash	15000	2217.600000	2	7176.000000
	53	David Wilkinson	David	Wilkinson	North	24131.000000	Cash	15000	2413.100000	2	9131.000000
Q3-2023	54	Jason Jackaki	Jason	Jackaki	South	26556.800000	Cash	15000	2655.680000	2	11556.800000
	55	Nina McDonald	Nina	McDonald	West	28395.500000	On Account	15000	2839.550000	2	13395.500000
	56	Reza Jafari	Reza	Jafari	East	29158.400000	Cash	15000	2915.840000	2	14158.400000
Q3-2023	57	Derek Godwin	Derek	Godwin	East	30305.000000	Credit Card	15000	3030.500000	2	15305.000000
	58	Jason Jackaki	Jason	Jackaki	South	33132.600000	On Account	15000	3313.260000	2	18132.600000
	59	Chloe Fusaro	Chloe	Fusaro	North	34353.500000	Cash	15000	3435.350000	2	19353.500000
Q3-2023	60	Ally Bryant	Ally	Bryant	West	41429.500000	Cash	15000	4142.950000		



	2021-08-01 00:00:00	Olivia Cheung	Olivia Cheung	South	13923.000000	On Account	15000	0.000000	8	-1077.000000
240	2021-08-01 00:00:00	Chloe Fusaro	Chloe Fusaro	North	14248.000000	Cash	15000	0.000000	8	-1720.000000
241	2021-08-01 00:00:00	Spencer Cruz	Spencer Cruz	West	15670.200000	On Account	15000	1567.020000	8	670.200000
242	2021-08-01 00:00:00	Bryan Maldonado	Bryan Maldonado	East	16321.600000	Credit Card	15000	1632.160000	8	1321.600000
243	2021-08-01 00:00:00	Emily Whelan	Emily Whelan	South	17593.400000	Cash	15000	1759.340000	8	2593.400000
244	2021-08-01 00:00:00	Cory Goodwin	Cory Goodwin	South	17666.000000	Credit Card	15000	1766.600000	8	2666.000000
245	2021-08-01 00:00:00	Jonah Seitz	Jonah Seitz	North	18298.400000	On Account	15000	1829.840000	8	3298.400000
246	2021-08-01 00:00:00	Jonah Seitz	Jonah Seitz	North	18838.400000	On Account	15000	1883.840000	8	3838.400000
247	2021-08-01 00:00:00	Reza Jafari	Reza Jafari	East	19678.800000	Cash	15000	1967.880000	8	4678.800000
248	2021-08-01 00:00:00	Annabel Mettick	Annabel Mettick	South	21420.000000	On Account	15000	2142.000000	8	6420.000000
249	2021-08-01 00:00:00	Josh Sutherland	Josh Sutherland	West	22477.900000	Cash	15000	2247.900000	8	7477.900000
250	2021-08-01 00:00:00	Olivia Cheung	Olivia Cheung	South	24080.000000	Credit Card	15000	2408.000000	8	9080.000000
251	2021-08-01 00:00:00	Sarah Gibbs	Sarah Gibbs	North	24465.600000	Cash	15000	2446.960000	8	9469.600000
252	2021-08-01 00:00:00	Emily Whelan	Emily Whelan	South	27531.000000	On Account	15000	2753.100000	8	12531.000000
253	2021-08-01 00:00:00	Sarah Gibbs	Sarah Gibbs	North	31053.400000	Credit Card	15000	3105.340000	8	16053.400000
254	2021-08-01 00:00:00	Cory Goodwin	Cory Goodwin	South	32795.700000	Cash	15000	3279.570000	8	17795.700000
255	2021-08-01 00:00:00	Bryan Maldonado	Bryan Maldonado	East	33694.800000	Cash	15000	3369.480000	8	18694.800000
256	2021-08-01 00:00:00	Josh Sutherland	Josh Sutherland	West	36088.100000	On Account	15000	3608.810000	8	21088.100000
257	2021-08-01 00:00:00	Derek Godwin	Derek Godwin	East	39236.000000	On Account	15000	3923.600000	8	24236.000000
258	2021-08-01 00:00:00	Reza Jafari	Reza Jafari	East	43088.200000	Credit Card	15000	4308.820000	8	28088.200000
259	2021-08-01 00:00:00	Nina McDonald	Nina McDonald	West	43388.100000	Cash	15000	4338.810000	8	28388.100000
260	2021-09-01 00:00:00	Jonah Seitz	Jonah Seitz	North	3710.000000	On Account	15000	0.000000	9	-11290.000000
261	2021-09-01 00:00:00	Ashley Almanza	Ashley Almanza	East	5572.300000	Credit Card	15000	0.000000	9	-9427.700000
262	2021-09-01 00:00:00	Charlotte Edwards	Charlotte Edwards	North	6600.000000	Credit Card	15000	0.000000	9	-8400.000000
263	2021-09-01 00:00:00	Emily Whelan	Emily Whelan	South	7008.000000	On Account	15000	0.000000	9	-7992.000000
264	2021-09-01 00:00:00	Reza Jafari	Reza Jafari	East	7497.000000	Cash	15000	0.000000	9	-7503.000000
265	2021-09-01 00:00:00	Tia Cruise	Tia Cruise	West	7714.000000	Credit Card	15000	0.000000	9	-7286.000000
266	2021-09-01 00:00:00	Sarah Gibbs	Sarah Gibbs	North	8001.000000	Credit Card	15000	0.000000	9	-6999.000000
267	2021-09-01 00:00:00	Olivia Cheung	Olivia Cheung	South	8099.700000	Credit Card	15000	0.000000	9	-6903.300000
268	2021-09-01 00:00:00	Jonah Seitz	Jonah Seitz	North	8772.000000	Cash	15000	0.000000	9	-6228.000000
269	2021-09-01 00:00:00	Derek Godwin	Derek Godwin	East	9651.200000	Credit Card	15000	0.000000	9	-5348.800000
270	2021-09-01 00:00:00	Annabel Mettick	Annabel Mettick	South	9840.000000	Cash	15000	0.000000	9	-5160.000000
271	2021-09-01 00:00:00	Jason Jackaki	Jason Jackaki	South	10218.000000	Cash	15000	0.000000	9	-4782.000000
272	2021-09-01 00:00:00	Ashley Almanza	Ashley Almanza	East	10492.200000	On Account	15000	0.000000	9	-4507.800000
273	2021-09-01 00:00:00	Jonah Seitz	Jonah Seitz	North	14089.200000	Cash	15000	0.000000	9	-910.800000
274	2021-09-01 00:00:00	Annabel Mettick	Annabel Mettick	South	14311.200000	Credit Card	15000	0.000000	9	-688.800000
275	2021-09-01 00:00:00	Annabel Mettick	Annabel Mettick	South	14715.200000	Cash	15000	0.000000	9	-284.800000
276	2021-09-01 00:00:00	Nina McDonald	Nina McDonald	West	15152.400000	On Account	15000	1515.240000	9	152.400000
277	2021-09-01 00:00:00	Ally Bryant	Ally Bryant	West	16363.900000	Credit Card	15000	1636.390000	9	1363.900000
278	2021-09-01 00:00:00	Chloe Fusaro	Chloe Fusaro	North	16702.400000	Cash	15000	1670.240000	9	1702.400000
279	2021-09-01 00:00:00	Ashley Almanza	Ashley Almanza	East	18396.700000	Credit Card	15000	1839.670000	9	3396.700000
280	2021-09-01 00:00:00	Cory Goodwin	Cory Goodwin	South	19147.800000	Cash	15000	1914.780000	9	4147.800000
281	2021-09-01 00:00:00	Annabel Mettick	Annabel Mettick	South	20760.300000	Cash	15000	2076.030000	9	5760.300000
282	2021-09-01 00:00:00	Chloe Fusaro	Chloe Fusaro	North	21216.000000	Cash	15000	2121.600000	9	6216.000000
283	2021-09-01 00:00:00	Charlotte Edwards	Charlotte Edwards	North	21546.000000	Credit Card	15000	2154.600000	9	6546.000000
284	2021-09-01 00:00:00	Derek Godwin	Derek Godwin	East	23849.600000	Credit Card	15000	2384.960000	9	8849.600000
285	2021-09-01 00:00:00	Bryan Maldonado	Bryan Maldonado	East	23882.400000	On Account	15000	2388.240000	9	8882.400000
286	2021-09-01 00:00:00	Cory Goodwin	Cory Goodwin	South	24579.800000	Credit Card	15000	2457.980000	9	9579.800000
287	2021-09-01 00:00:00	Cory Goodwin	Cory Goodwin	South	25946.300000	On Account	15000	2594.630000	9	10946.300000
288	2021-09-01 00:00:00	Olivia Cheung	Olivia Cheung	South	30368.000000	Cash	15000	3036.800000	9	15368.000000
289	2021-09-01 00:00:00	Charlotte Edwards	Charlotte Edwards	North	31186.600000	Credit Card	15000	3118.660000	9	16186.600000
290	2021-09-01 00:00:00	Chloe Fusaro	Chloe Fusaro	North	31999.200000	Cash	15000	3199.920000	9	16999.200000
291	2021-09-01 00:00:00	Derek Godwin	Derek Godwin	East	34041.300000	On Account	15000	3404.130000	9	19041.300000
292	2021-09-01 00:00:00	Emily Whelan	Emily Whelan	South	35640.000000	Credit Card	15000	3564.000000	9	20640.000000
293	2021-09-01 00:00:00	Charlotte Edwards	Charlotte Edwards	North	37520.000000	Cash	15000	3752.000000	9	22520.000000
294	2021-09-01 00:00:00	Charlotte Edwards	Charlotte Edwards	North	41215.300000	On Account	15000	4121.530000	9	26215.300000
295	2021-10-01 00:00:00	Nina McDonald	Nina McDonald	West	2997.200000	Credit Card	15000	0.000000	10	-12002.800000
296	2021-10-01 00:00:00	Chloe Fusaro	Chloe Fusaro	North	3035.100000	Cash	15000	0.000000	10	-11964.900000
297	2021-10-01 00:00:00	Gordon Beswick	Gordon Beswick	East	3243.600000	Credit Card	15000	0.000000	10	-11756.400000
298	2021-10-01 00:00:00	Jason Jackaki	Jason Jackaki	South	4201.600000	Cash	15000	0.000000	10	-10798.400000
299	2021-10-01 00:00:00	Charlotte Edwards	Charlotte Edwards	North	6688.000000	Cash	15000	0.000000	10	-8312.000000
300	2021-10-01 00:00:00	Chloe Fusaro	Chloe Fusaro	North	7024.200000	On Account	15000	0.000000	10	-7975.800000
301	2021-10-01 00:00:00	Charlotte Edwards	Charlotte Edwards	North	7139.000000	Credit Card	15000	0.000000	10	-7861.000000
302	2021-10-01 00:00:00	Tia Cruise	Tia Cruise	West	7196.000000	Cash	15000	0.000000	10	-7804.000000
303	2021-10-01 00:00:00	Josh Sutherland	Josh Sutherland	West	10595.200000	On Account	15000	0.000000	10	-4404.800000
304	2021-10-01 00:00:00	Tia Cruise	Tia Cruise	West	10694.700000	On Account	15000	0.000000	10	-4305.300000
305	2021-10-01 00:00:00	Jonah Seitz	Jonah Seitz	North	10948.000000	Cash	15000	0.000000	10	-4052.000000
306	2021-10-01 00:00:00	Jonah Seitz	Jonah Seitz	North	10988.800000	Credit Card	15000	0.000000	10	-4011.200000
307	2021-10-01 00:00:00	Jonah Seitz	Jonah Seitz	North	12396.600000	Cash	15000	0.000000	10	-2693.400000
308	2021-10-01 00:00:00	Reza Jafari	Reza Jafari	East	12633.600000	Cash	15000	0.000000	10	-2366.400000
309	2021-10-01 00:00:00	Gordon Beswick	Gordon Beswick	East	12806.400000	On Account	15000	0.000000	10	-2193.600000
310	2021-10-01 00:00:00	Josh Sutherland	Josh Sutherland	West	14235.400000	On Account	15000	0.000000	10	-764.600000
311	2021-10-01 00:00:00	Olivia Cheung	Olivia Cheung	South	15262.800000	On Account	15000	1526.280000	10	262.800000
312	2021-10-01 00:00:00	Jonah Seitz	Jonah Seitz	North	16077.000000	Cash	15000	1607.700000	10	1077.000000
313	2021-10-01 00:00:00	David Wilkinson	David Wilkinson	North	19594.000000	Cash	15000	1959.400000	10	4594.000000
314	2021-10-01 00:00:00	Chloe Fusaro	Chloe Fusaro	North	19946.200000	On Account	15000	1994.620000	10	4946.200000
315	2021-10-01 00:00:00	Derek Godwin	Derek Godwin	East	20031.200000	On Account	15000	2003.120000	10	5031.200000
316	2021-10-01 00:00:00	Cory Goodwin	Cory Goodwin	South	20790.000000	Cash	15000	2079.000000	10	5790.000000
317	2021-10-01 00:00:00	Ashley Almanza	Ashley Almanza	East	21485.200000	Cash	15000	2148.520000	10	6485.200000
318	2021-10-01 00:00:00	Jason Jackaki	Jason Jackaki	South	21878.500000	Credit Card	15000	2187.850000	10	6878.500000
319	2021-10-01 00:00:00	Cory Goodwin	Cory Goodwin	South	22136.800000	Credit Card	15000	2213.680000	10	7136.800000
320	2021-10-01 00:00:00	Bryan Maldonado	Bryan Maldonado	East	22607.200000	Credit Card	15000	2260.720000	10	7607.200000
321	2021-10-01 00:00:00	Cory Goodwin	Cory Goodwin	South	23240.400000	Cash	15000	2324.040000	10	8240.400000
322	2021-10-01 00:00:00	Sarah Gibbs	Sarah Gibbs	North	26773.400000	On Account	15000	2677.340000	10	11773.400000
323	2021-10-01 00:00:00	Jonah Seitz	Jonah Seitz	North	28464.900000	On Account	15000	2846.490000	10	13464.900000
324	2021-10-01 00:00:00	Josh Sutherland	Josh Sutherland	West	36330.200000	Cash	15000	3633.020000	10	21530.200000
325	2021-10-01 00:00:00	Spencer Cruz	Spencer Cruz	West	36896.200000	On Account	15000	3689.620000	10	21896.200000
326	2021-10-01 00:00:00	Charlotte Edwards	Charlotte Edwards	North	37544.800000	Credit Card	15000	3754.480000	10	22544.800000
327	2021-10-01 00:00:00	Jonah Seitz	Jonah Seitz	North	40224.800000	Credit Card	15000	4022.480000	10	25224.800000
328	2021-10-01 00:00:00	Nina McDonald	Nina McDonald	West	41420.700000	Credit Card	15000	4142.070000	10	26420.700000
329	2021-10-01 00:00:00	Jason Jackaki	Jason Jackaki	South	41989.600000	Credit Card	15000	4198.960000	10	26989.600000
330	2021-10-01 00:00:00	David Wilkinson	David Wilkinson	North	43591.800000	Credit Card	15000	4359.180000	10	28591.800000
331	2021-11-01 00:00:00	Derek Godwin	Derek Godwin	East	5130.000000	Cash	15000	0.000000	11	-9870.000000
332	2021-11-01 00:00:00	Josh Sutherland	Josh Sutherland	West	6900.000000	Cash	15000	0.000000	11	-8100.000000
333	2021-11-01 00:00:00	Ashley Almanza	Ashley Almanza	East	8810.900000	Credit Card	15000	0.000000	11	-6189.100000
334	2021-11-01 00:00:00	Annabel Mettick	Annabel Mettick	South	9006.000000	On Account	15000			



