```python
import pandas as pd
import seaborn as sns
```

```python
dt = pd.read_csv('/content/details.csv')
```

```python
dt.info()
```
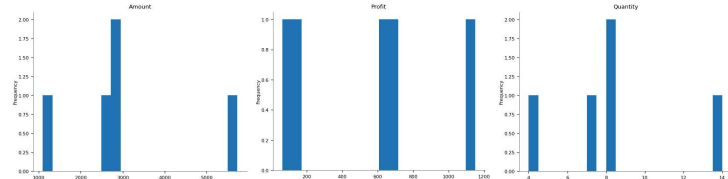
```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1500 entries, 0 to 1499
Data columns (total 7 columns):
 #   Column        Non-Null Count  Dtype
---  ------        --------------  -----
 0   Order ID      1500 non-null   object
 1   Amount        1500 non-null   int64
 2   Profit        1500 non-null   int64
 3   Quantity      1500 non-null   int64
 4   Category      1500 non-null   object
 5   Sub-Category  1500 non-null   object
 6   PaymentMode   1500 non-null   object
dtypes: int64(3), object(4)
memory usage: 82.2+ KB
```
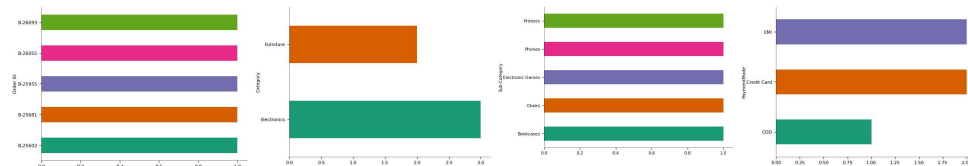
```python
dt.head()
```

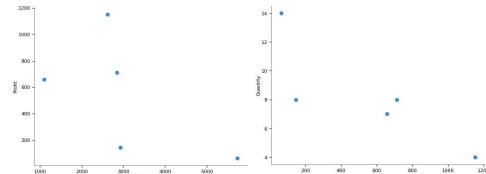|	Order ID	Amount	Profit	Quantity	Category	Sub-Category	PaymentMode
0	B-25681	1096	658	7	Electronics	Electronic Games	COD
1	B-26055	5729	64	14	Furniture	Chairs	EMI
2	B-25955	2927	146	8	Furniture	Bookcases	EMI
3	B-26093	2847	712	8	Electronics	Printers	Credit Card
4	B-25602	2617	1151	4	Electronics	Phones	Credit Card

Distributions
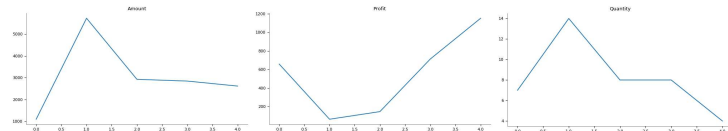

Categorical distributions
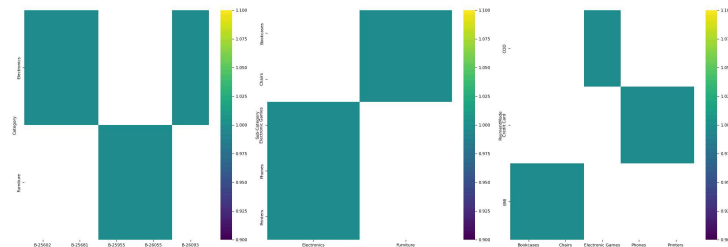

2-d distributions

Values

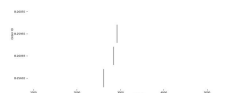**2-d categorical distributions**

Faceted distributions

<string>:5: FutureWarning:

Passing `palette` without assigning `hue` is deprecated and will be removed in v0.14.0. Assign the `y` variable to `hue` and set `leg

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Passing `palette` without assigning `hue` is deprecated and will be removed in v0.14.0. Assign the `y` variable to `hue` and set `leg
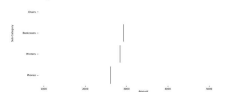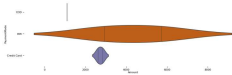
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Next steps: [Generate code with dt] [🔘 View recommended plots] [New interactive sheet]

```
dt.describe()
```

	Amount	Profit	Quantity
count	1500.000000	1500.00000	1500.000000
mean	291.847333	24.64200	3.743333
std	461.924620	168.55881	2.184942
min	4.000000	-1981.00000	1.000000
25%	47.750000	-12.00000	2.000000
50%	122.000000	8.00000	3.000000
75%	326.250000	38.00000	5.000000
max	5729.000000	1864.00000	14.000000

Distributions

2-d distributions

Values
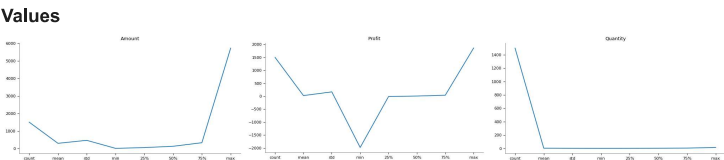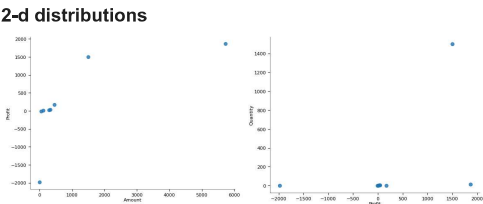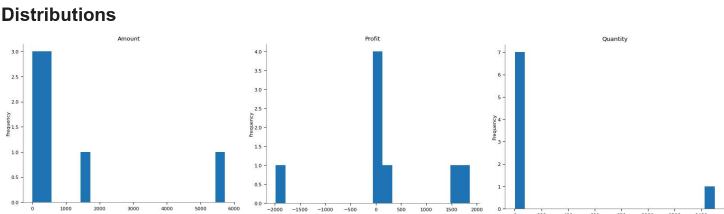

```
dt.columns
```

```
Index(['Order ID', 'Amount', 'Profit', 'Quantity', 'Category', 'Sub-Category',
       'PaymentMode'],
      dtype='object')
```

```
dt.dtypes
```

	0
Order ID	object
Amount	int64
Profit	int64
Quantity	int64
Category	object
Sub-Category	object
PaymentMode	object

dtype: object

```
dt.sample(n=5)
```

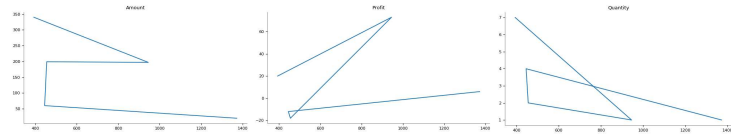|	Order ID	Amount	Profit	Quantity	Category	Sub-Category	PaymentMode
1372	B-26059	20	6	1	Clothing	T-shirt	COD
445	B-25793	60	-12	4	Clothing	Hankerchief	Debit Card
455	B-25750	199	-18	2	Clothing	Saree	COD
945	B-25855	197	73	1	Furniture	Bookcases	COD
393	B-25714	340	20	7	Clothing	Shirt	Credit Card

Distributions
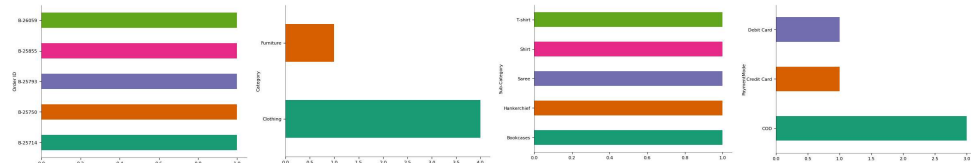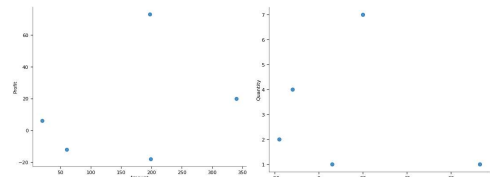
Categorical distributions

2-d distributions
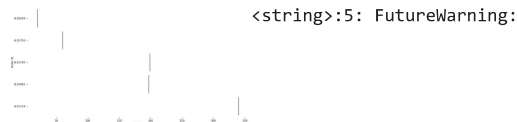

Values

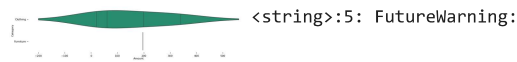**2-d categorical distributions**

Faceted distributions

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`<string>:5: FutureWarning:`

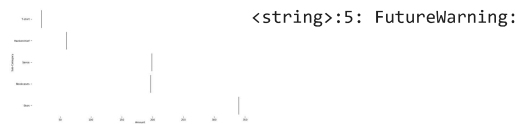`Passing `palette` without assigning `hue` is deprecated and will be removed in v0.14.0. Assign the `y` variable to `hue` and set `leg`

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`Passing `palette` without assigning `hue` is deprecated and will be removed in v0.14.0. Assign the `y` variable to `hue` and set `leg`
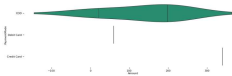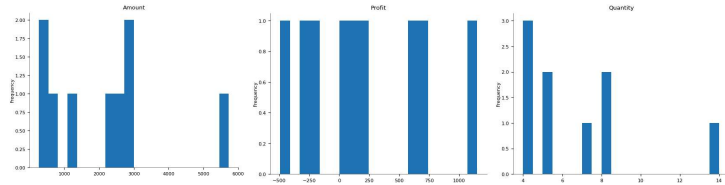
```
dt.groupby('Category').head(3)
```
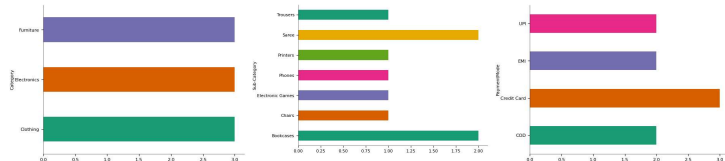
	Order ID	Amount	Profit	Quantity	Category	Sub-Category	PaymentMode
0	B-25681	1096	658	7	Electronics	Electronic Games	COD
1	B-26055	5729	64	14	Furniture	Chairs	EMI
2	B-25955	2927	146	8	Furniture	Bookcases	EMI
3	B-26093	2847	712	8	Electronics	Printers	Credit Card
4	B-25602	2617	1151	4	Electronics	Phones	Credit Card
5	B-25881	2244	247	4	Clothing	Trousers	Credit Card
6	B-25696	275	-275	4	Clothing	Saree	COD
7	B-25687	387	-213	5	Clothing	Saree	UPI
13	B-25756	729	-492	5	Furniture	Bookcases	UPI

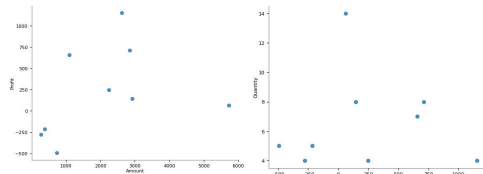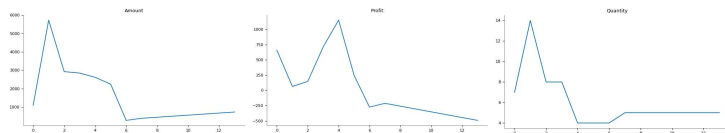**Distributions**

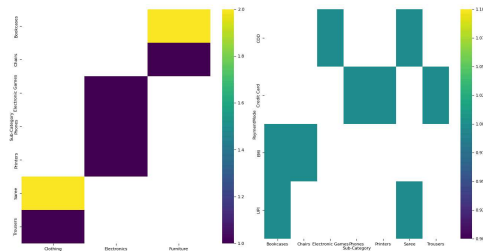**Categorical distributions**

2-d distributions

Values

2-d categorical distributions

Faceted distributions

```
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```



```
<string>:5: FutureWarning:
```