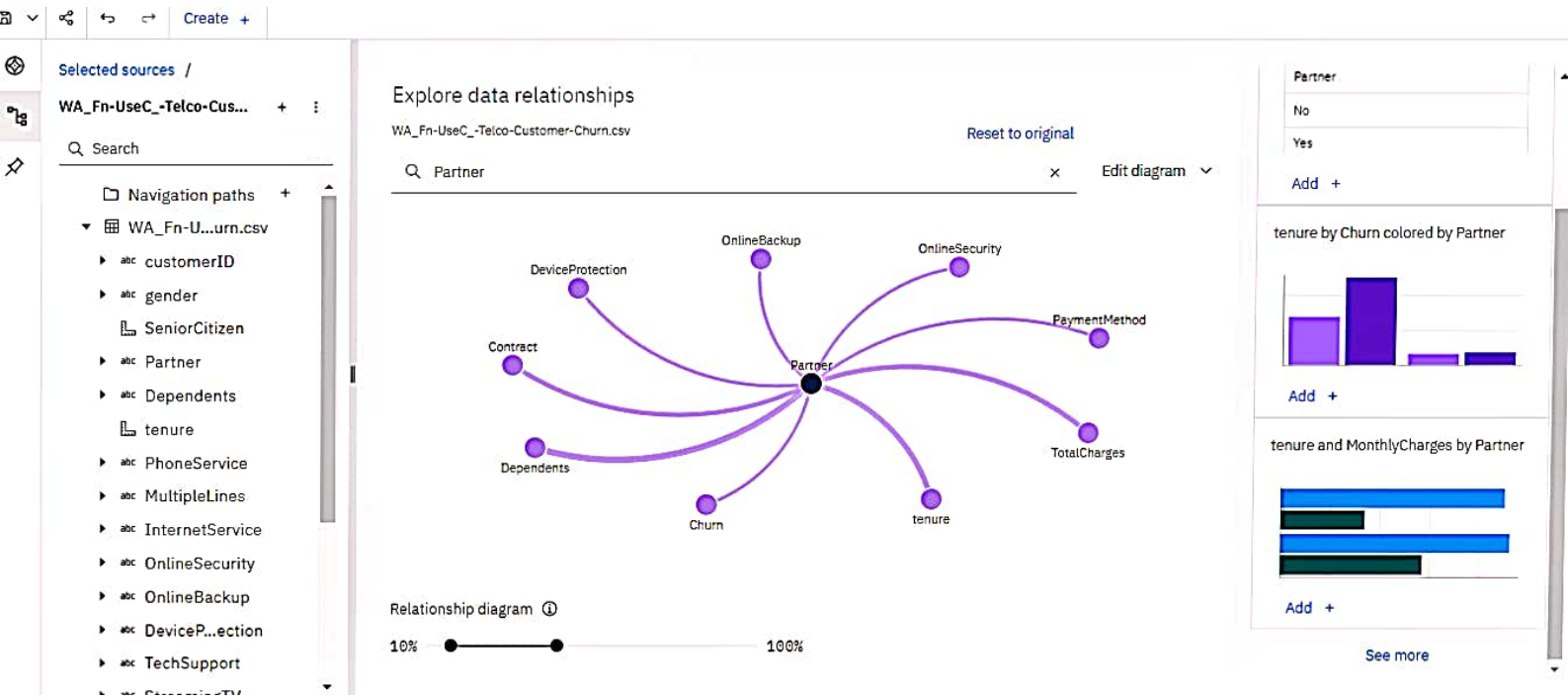

Create +
Selected sources /
WA_Fn-UseC_-Telco-Cus...
Search
Navigation paths
WA_Fn-U...urn.csv
customerID
gender
SeniorCitizen
Partner
Dependents
tenure
PhoneService
MultipleLines
InternetService
OnlineSecurity
OnlineBackup
DeviceP...ection
TechSupport
Explore data relationships
WA_Fn-UseC_-Telco-Customer-Churn.csv
Reset to original
Partner
Edit diagram
OnlineBackup
DeviceProtection
OnlineSecurity
PaymentMethod
Contract
Partner
Dependents
TotalCharges
Churn
tenure
Relationship diagram
10%
100%
Partner
No
Yes
Add +
tenure by Churn colored by Partner
Add +
tenure and MonthlyCharges by Partner
Add +
See more

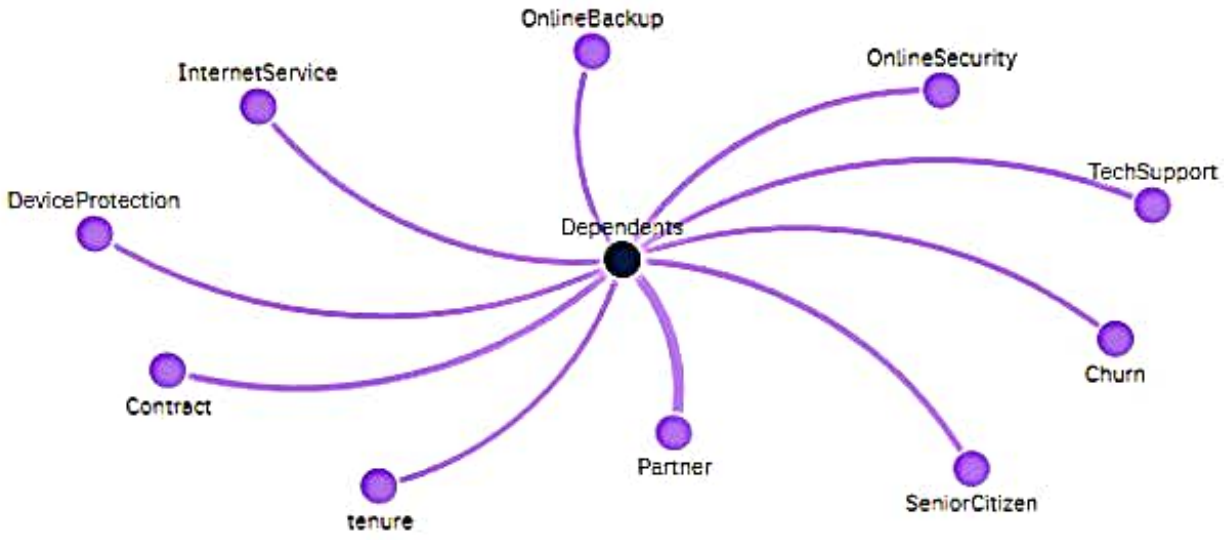
Explore data relationships

WA_Fn-UseC_-Telco-Customer-Churn.csv

Reset to original

Dependents

Edit diagram



Relationship diagram

10% 100%

Create + 1/9 Column Related Compare Analytics Details Fields Properties

Cards

tenure by Chur... by customerID

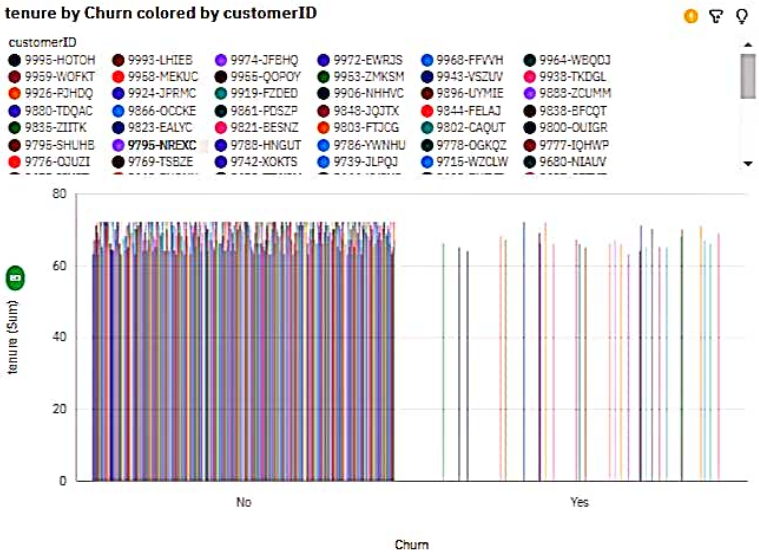
1

MonthlyCharges...red by gender

2

tenure and Mon...ges by Partner

Data relationships



Details

Over all values of **Churn** and **customerID**, the sum of **tenure** is nearly 87 thousand.

The summed values of **tenure** range from 63 to 72.

For **tenure**, the most significant values of **customerID** are 8809-XKHMD, 8204-YJCLA, 2274-XUATA, 0244-LGNFY, and 9919-FZDED, whose respective **tenure** values add up to 360, or 0.4 % of the total.

For **tenure**, the most significant value of **Churn** is No, whose respective **tenure** values add up to over 81 thousand, or 93.8 % of the total.

For **tenure**, the most significant values of **customerID** are 8809-XKHMD, 0244-LGNFY, 2274-XUATA, 8204-YJCLA, and 9919-FZDED, whose respective **tenure** values add up to 360, or 0.4 % of the total.

Cards

tenure by Chur... by customerID

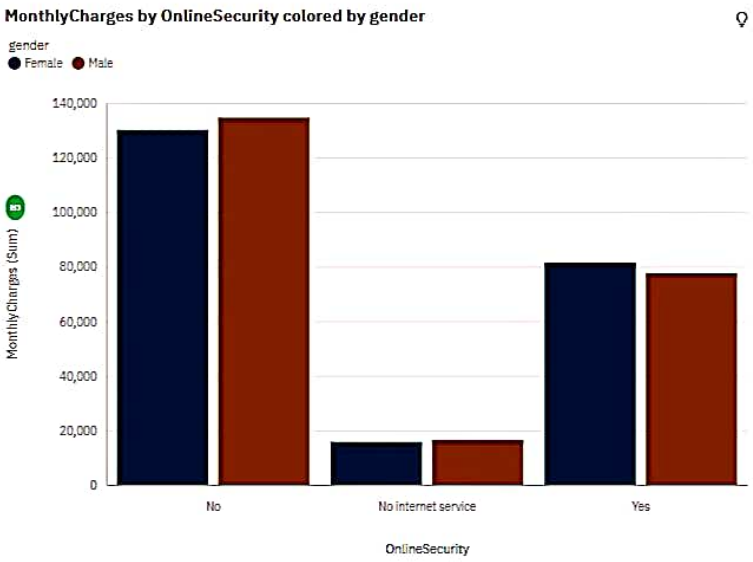
1

MonthlyCharges...red by gender

2

tenure and Mon...ges by Partner

Data relationships



Details

MonthlyCharges is unusually low when **OnlineSecurity** is No internet service.

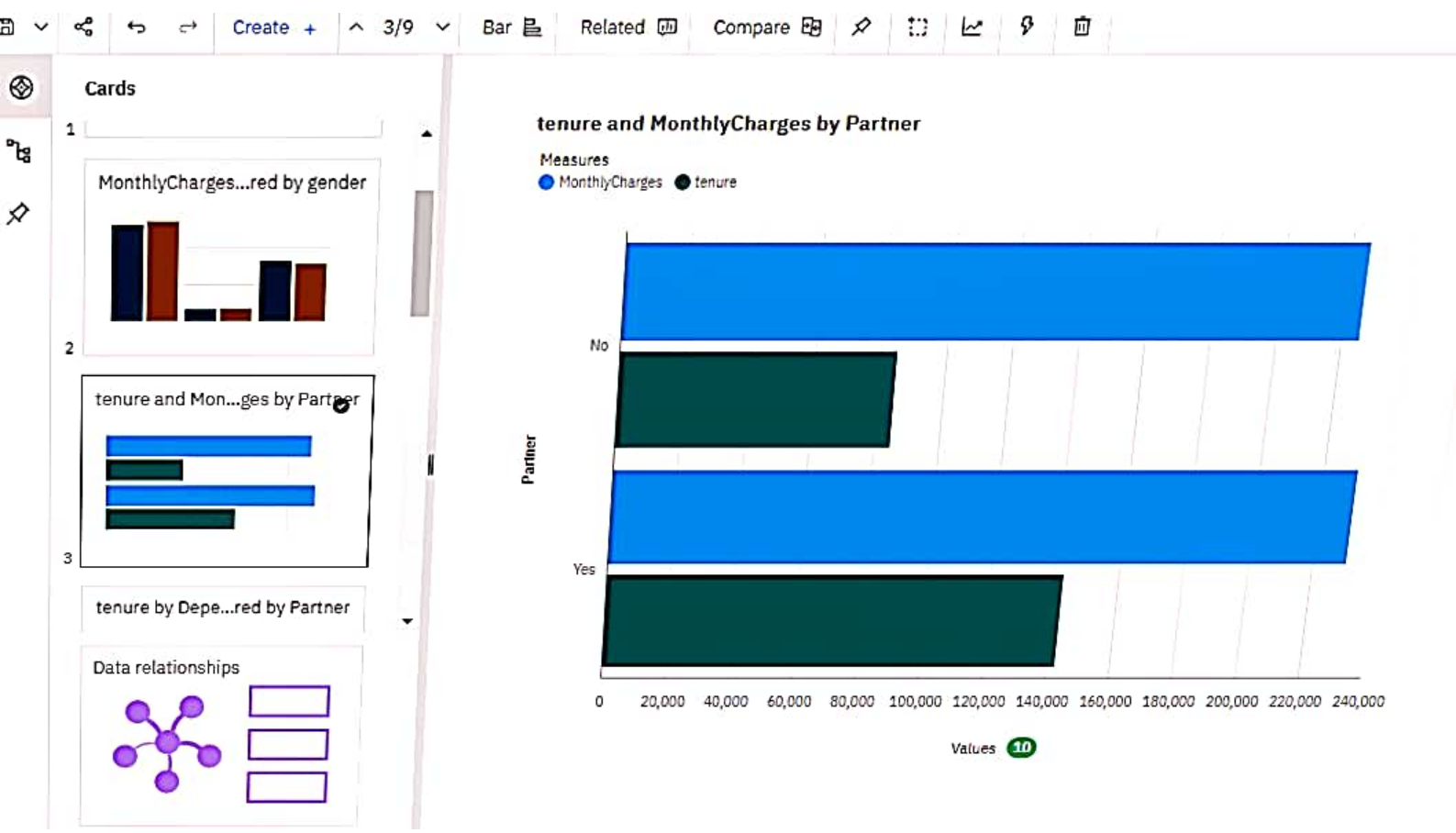
Across all values of **OnlineSecurity** and **gender**, the sum of **MonthlyCharges** is over 456 thousand.

The summed values of **MonthlyCharges** range from nearly 16 thousand to almost 135 thousand.

MonthlyCharges is unusually low when the combinations of **OnlineSecurity** and **gender** are No internet service and Female and No internet service and Male.

For **MonthlyCharges**, the most significant values of **OnlineSecurity** are No and Yes, whose respective **MonthlyCharges** values add up to nearly 424 thousand, or 92.9 % of the total.

For **MonthlyCharges**, the most significant value of **gender** is Male, whose respective


Create
3/9
Bar
Related
Compare
Cards
1
MonthlyCharges...red by gender
2
tenure and Mon...ges by Partner
3
tenure by Depe...red by Partner
Data relationships
tenure and MonthlyCharges by Partner
Measures
MonthlyCharges
tenure
Partner
No
Yes
0
20,000
40,000
60,000
80,000
100,000
120,000
140,000
160,000
180,000
200,000
220,000
240,000
Values
10

Cards

2

tenure and Mon...ges by Partner

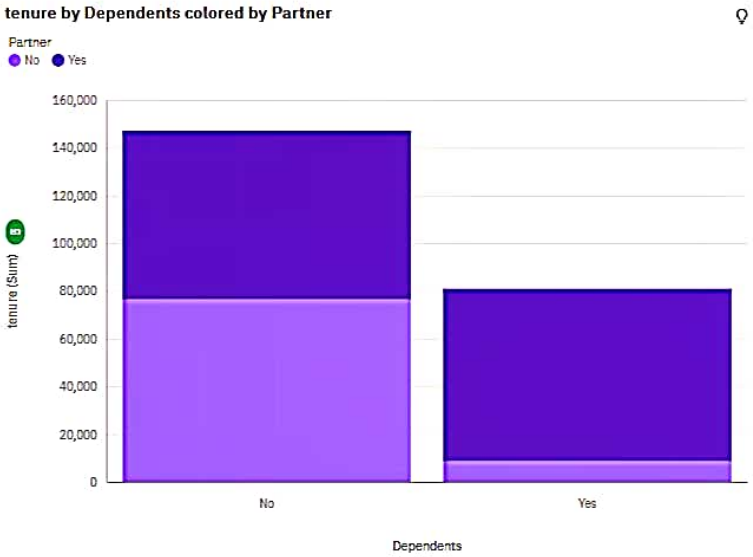
3

tenure by Depe...red by Partner

4

MonthlyCharges... PhoneService

Data relationships



Details

Over all values of **Dependents** and **Partner**, the sum of **tenure** is almost 228 thousand.

The summed values of **tenure** range from over 8500 to over 76 thousand.

tenure is unusually low when the combination of **Dependents** and **Partner** is Yes and No.

For **tenure**, the most significant value of **Dependents** is No, whose respective **tenure** values add up to over 147 thousand, or 64.5 % of the total.

For **tenure**, the most significant value of **Partner** is Yes, whose respective **tenure** values add up to almost 143 thousand, or 62.7 % of the total.

Cards

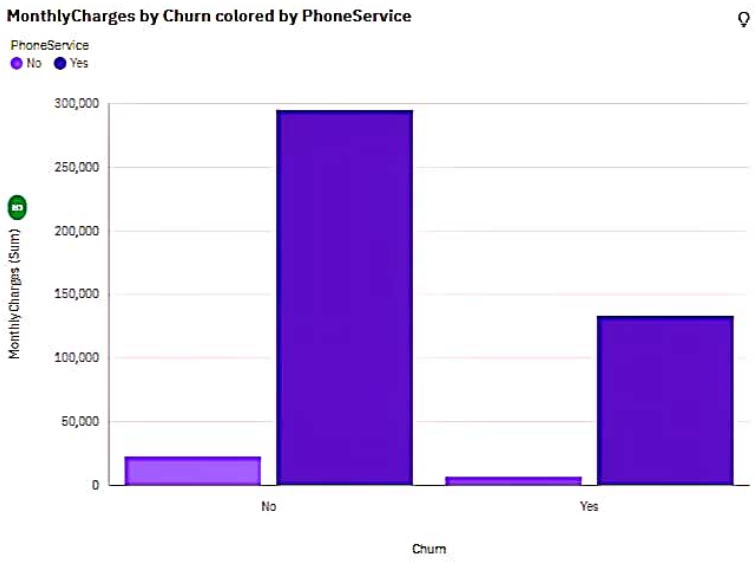
4

5

MonthlyCharges... PhoneService

TotalCharges by... MultipleLines

Data relationships



Details

Across all values of **Churn** and **PhoneService**, the sum of **MonthlyCharges** is over 456 thousand.

The summed values of **MonthlyCharges** range from nearly 6500 to nearly 295 thousand.

MonthlyCharges is unusually high when the combination of **Churn** and **PhoneService** is No and Yes.

For **MonthlyCharges**, the most significant value of **PhoneService** is Yes, whose respective **MonthlyCharges** values add up to over 427 thousand, or 93.7 % of the total.

For **MonthlyCharges**, the most significant value of **Churn** is No, whose respective **MonthlyCharges** values add up to nearly 317 thousand, or 69.5 % of the total.

Cards

5

TotalCharges by... MultipleLines

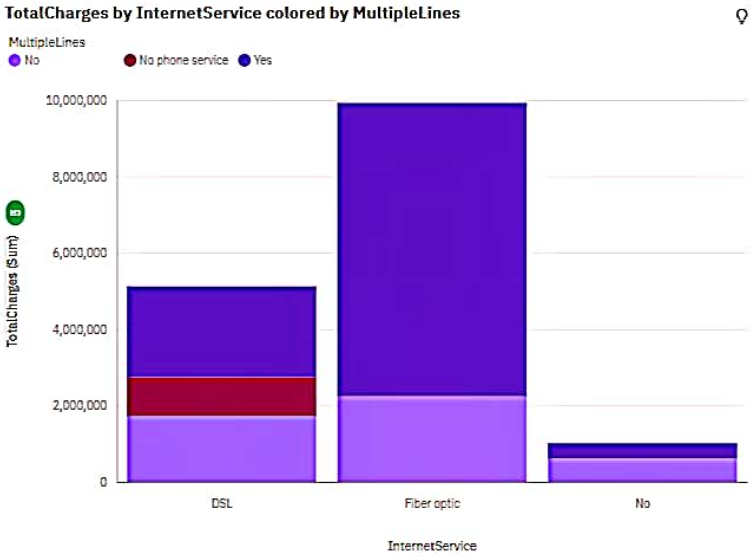
6

TotalCharges b...nternetService

7

TotalCharges b...y StreamingTV

Data relationships



Details

Across all values of **InternetService** and **MultipleLines**, the sum of **TotalCharges** is over sixteen million.

The summed values of **TotalCharges** range from nearly 401 thousand to nearly **7.7** million.

TotalCharges is unusually high when the combination of **InternetService** and **MultipleLines** is Fiber optic and Yes.

TotalCharges is unusually high when **InternetService** is Fiber optic.

TotalCharges is unusually high when **MultipleLines** is Yes.

For **TotalCharges**, the most significant value of **InternetService** is Fiber optic, whose respective **TotalCharges** values add up to over 9.9 million, or 61.8 % of the total.

Cards

5

TotalCharges by... MultipleLines

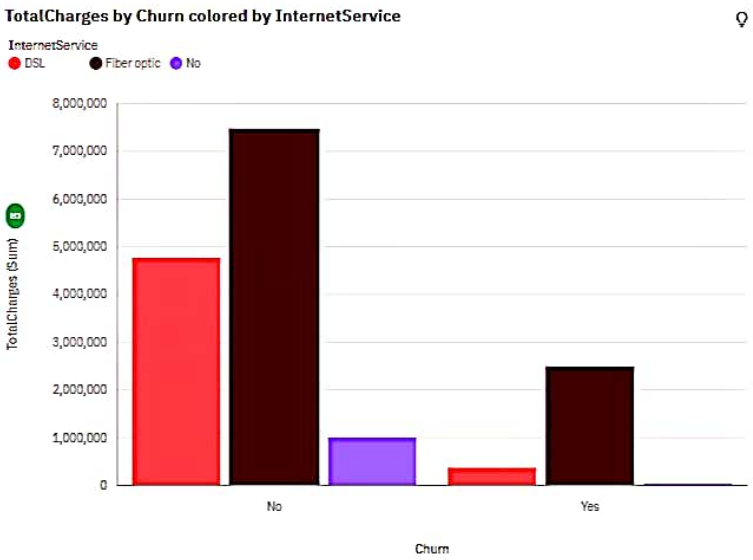
6

TotalCharges b...nternetService

7

TotalCharges b...y StreamingTV

Data relationships



Details

TotalCharges is unusually high when **InternetService** is Fiber optic.

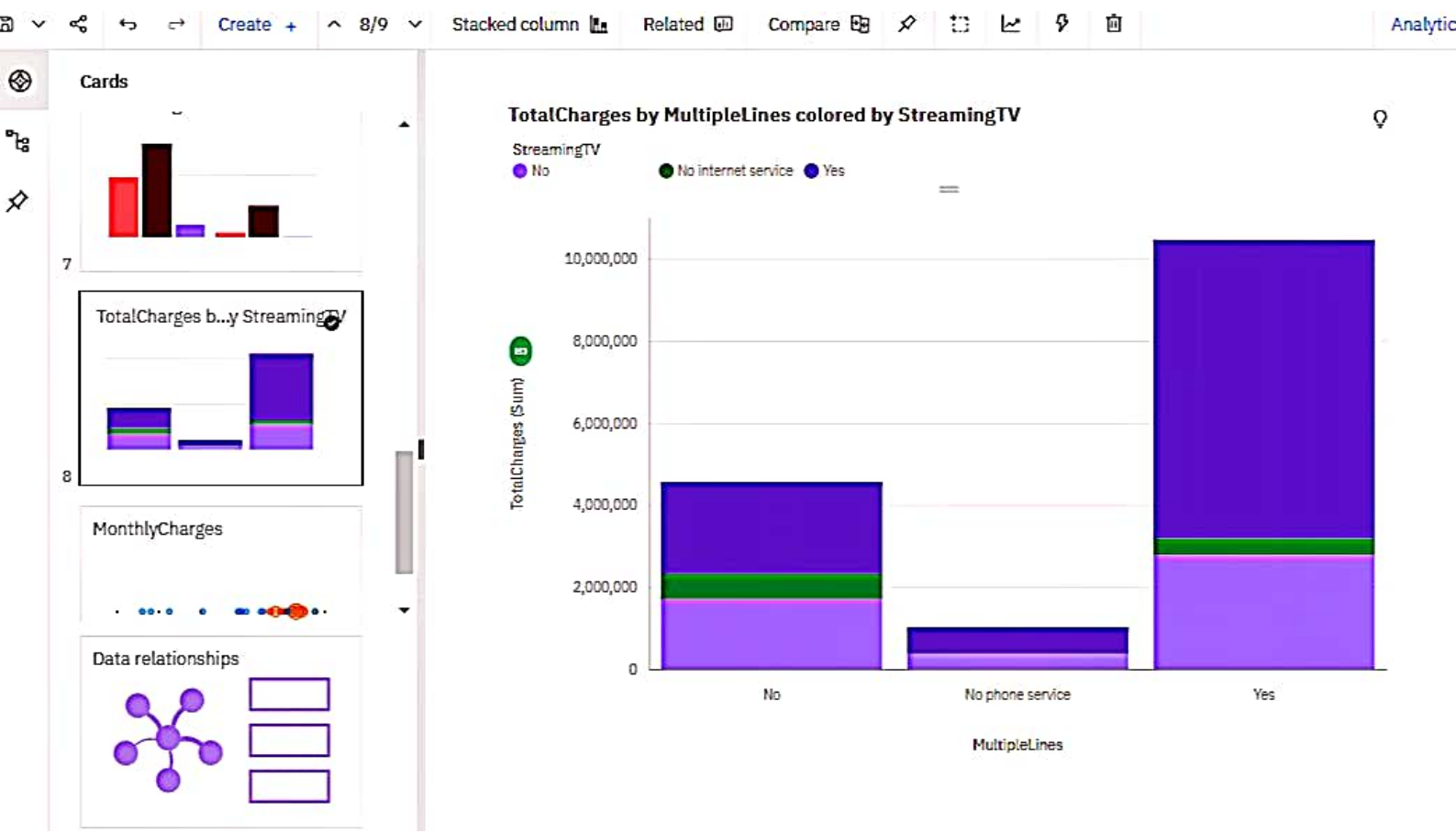
Across all values of **Churn** and **InternetService**, the sum of **TotalCharges** is over sixteen million.

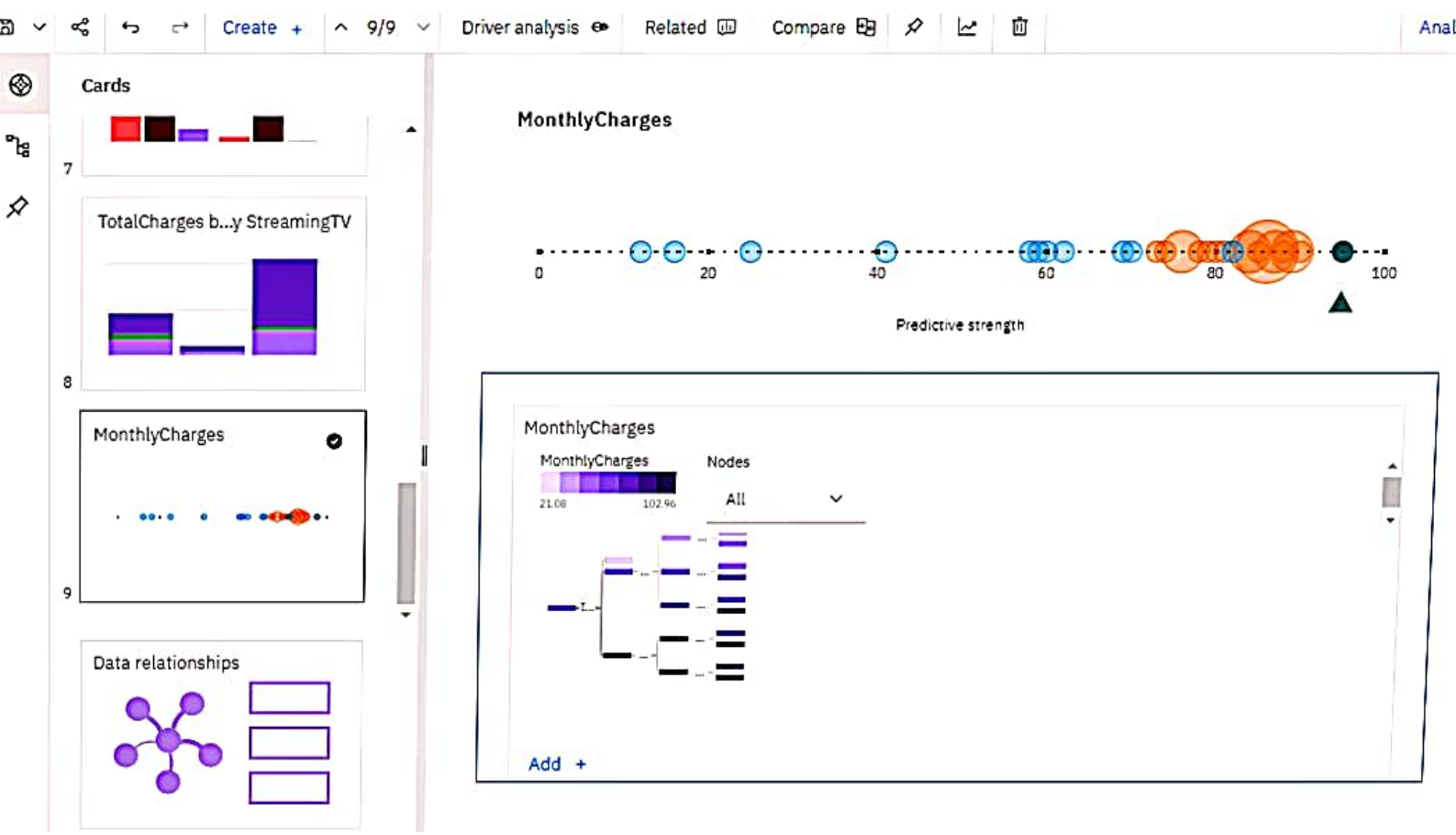
The summed values of **TotalCharges** range from nearly 20 thousand to over 7.4 million.

TotalCharges is unusually high when the combination of **Churn** and **InternetService** is No and Fiber optic.

For **TotalCharges**, the most significant value of **Churn** is No, whose respective **TotalCharges** values add up to over thirteen million, or 82.2 % of the total.

For **TotalCharges**, the most significant value of **InternetService** is Fiber optic, whose respective **TotalCharges** values add up to over 9.9 million, or 61.8 % of the total.


Create
8/9
Stacked column
Related
Compare
Cards
7
TotalCharges b...y StreamingTV
8
MonthlyCharges
Data relationships
TotalCharges by MultipleLines colored by StreamingTV
StreamingTV
No
No internet service
Yes
10,000,000
8,000,000
6,000,000
4,000,000
2,000,000
0
TotalCharges (Sum)
No
No phone service
Yes
MultipleLines


Create +
9/9
Driver analysis
Related
Compare
Cards
7
TotalCharges b...y StreamingTV
8
MonthlyCharges
9
Data relationships
MonthlyCharges
0
20
40
60
80
100
Predictive strength
MonthlyCharges
MonthlyCharges
21.08
102.96
Nodes
All
Add +