Bar Chart

0.0 0.2 0.4 0.6 0.8 1.0

10000

item8

item7 item6 item5 item4 item3 item2 item1

Bandwidth\_GB\_Year MonthlyCharge

Tenure PaymentMethod PaperlessBilling StreamingMovies StreamingTV TechSupport DeviceProtection OnlineBackup OnlineSecurity

Multiple Phone InternetService

Tablet Port\_modem

Contract Techie Yearly\_equip\_failure

Contacts

Email Outage\_sec\_perweek

Churn Gender Marital Income Employment Education

Age Children

Job Timezone

Area Population

Lng Lat Zip

County State City

Interaction Customer\_id CaseOrder

10000

10000

10000

10000

10000

10000

10000

8979

10000

9069

10000

10000

10000

10000

9009

10000

10000

10000

10000

8974

7871

10000

10000

10000

7523

10000

10000

10000

10000

10000

10000

10000

7510

10000

10000

7525

7505

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

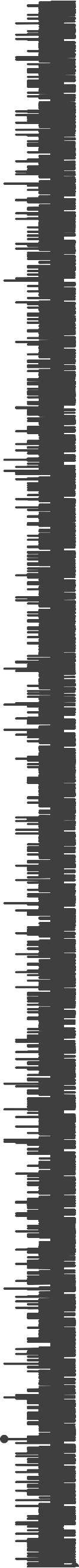
10000

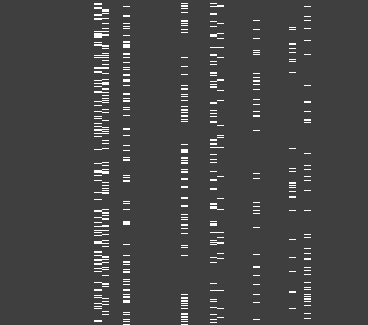
10000

10000

0 2000 4000 6000 8000 10000

Matrix Chart

1



45

10000 51

Heatmap Chart

1.00



Children

0.75

Age

0.50

Income

Techie

InternetService

Phone

TechSupport

0.25

0.00

0.25

0.50

Tenure

0.75

Bandwidth\_GB\_Year

1.00

120000



3000

100000



2500



80000

2000

60000

Count

1500

40000

1000

20000

500

0

Population

1.5 X IQR

0

0 20000 40000 60000 80000 100000

Population

2000

10

1750



8  1500

1250

6

1000

Count

4

750

2 500

250

0

Children

1.5 X IQR

0

0 2 4 6 8 10

Children

90

400

80

70

300

60

50

Count

200

40

30

100

20

10

Age

1.5 X IQR

0

20 30 40 50 60 70 80 90

Age

500

250000

400

200000

150000

Count

300

100000



200

50000

100

0

Income

1.5 X IQR

0

0 50000 100000 150000 200000 250000

Income

50

500

40

400

30

300

Count

20



200

10

100

0

Outage\_sec\_perweek

1.5 X IQR

0

0 10 20 30 40

Outage\_sec\_perweek

25



1200



20

1000

15

800

10 600

Count

400

5



200

0

Email

1.5 X IQR

0

0 5 10 15 20

Email

7  3500

6

3000

5

2500

4

2000

Count

3

1500

2

1000

1

500

0

Contacts

1.5 X IQR

0

0 1 2 3 4 5 6 7

Contacts

7000

6

6000

5

5000

4

4000

3

Count

3000

2

2000

1

1000

0

Yearly\_equip\_failure

1.5 X IQR

0

0 1 2 3 4 5 6

Yearly\_equip\_failure

1600

70

1400

60

1200

50

1000

40

800

Count

30

600

20

400

10

200

0

Tenure

1.5 X IQR

0

0 10 20 30 40 50 60 70

Tenure

800



300

700

600

250

500

200

Count

400

150

300

200

100

100

50

MonthlyCharge

1.5 X IQR

0

100 150 200 250 300

MonthlyCharge

7000

1200

6000

1000

5000

800

4000

Count

600

3000

2000

400

1000

200

0

Bandwidth\_GB\_Year

1.5 X IQR

0

0 1000 2000 3000 4000 5000 6000 7000

Bandwidth\_GB\_Year