SAMPLE RULESET

Legends:

\*DEMOGRAPHICS\*

senior citizen (1. no 2. yes)

partner (1. no 2. yes)

dependent (1. no 2. yes)

\*SERVICES\*

multiple line (1. No 2. No phone 3. yes)

internet services (1. DSL 2. Fiber Optic 3. No)

online security (1. No 2. No internet service 3. yes)

online backup (1. no 2. no inter service 3. yes)

device protection (1. no 2. no internet service 3.yes)

tech support (1. no 2. no internet service 3. yes)

streamingtv (1. no 2. no internet service 3. yes)

streamingmovies (1.no 2. no internet service 3. yes)

\*CUSTOMER ACCOUNT INFORMATION\*

tenure (months)

contract (1. Month -To-Month 2. One- Year 3. Two - Year)

paperless billing (1. no 2. yes)

payment method (1. bank transfer 2. credit card 3. electronic check 4. mailed check)

Monthly Charges (Indicates the customer’s current total monthly charge for all their services from the company.)

Total Charges (Indicates the customer’s total charges, calculated to the end of the quarter specified above.)

churn (1. no 2. yes)

PART RULESET

\*If contract == 3 && monthlyCharges <= 92.4 && seniorCitizen == 1:1

\*If Contract = 3 && Streaming\_TV = 3 && TotalCharges > 7862.25:1

\*If Contract = 3 && Streaming\_TV = 3 &&Multiple\_Lines = 1:1

\*If Contract = 3 && Multiple\_Lines = 3 && Streaming\_TV = 1: 1

\*If Contract = 3 && Streaming\_TV = 3 && Multiple\_Lines = 3 && Paperless\_Billing = 1 &&

Dependents = 1: 1

\*If Contract = 2 && Streaming\_Movies = 2: 1

\*If Contract = 3 && Streaming\_TV = 3 && Multiple\_Lines = 3 && Streaming\_Movies = 3 && Payment\_Method = 2 && Online\_Backup = 3: 1

\*If Contract = 3 && Streaming\_TV = 3 && Multiple\_Lines = 3 && Streaming\_Movies = 1: 1

\*If Contract = 2 && Streaming\_Movies = 1 && Payment\_Method = 1: 1

If Contract = 3 && Streaming\_TV = 2: 1

If Contract = 2 &&Streaming\_Movies = 1 &&Payment Method = 2 &&Internet Service = 2: 1

If Contract = 2 && Internet Service = 1 && Online Security = 3 && Senior Citizen = 1 && Device Protection = 1: 1

If Tenure > 17 && Internet\_Service = 3: 1

If Contract = 3 && Multiple\_Lines = 3 && Payment\_Method = 3 && Senior\_Citizen = 1 && Partner = 2: 1

If Contract = 3 && Multiple\_Lines = 3 && Payment\_Method = 1 && Online\_Security = 3 &&

Tenure > 59: 1

If Contract = 2 && Internet\_Service = 1 &&Paperless\_Billing = 1 &&Online\_Security = 1 && Payment\_Method = 2: 1

If Contract = 2 && Streaming\_TV = 1 && Device\_Protection = 3 && Senior\_Citizen = 1 &&

Online\_Backup = 1 && Paperless\_Billing = 1: 1

If Contract = 2 && Internet\_Service = 1 && Streaming\_Movies = 1 && Dependents = 2 && Online\_Security = 3: 1

If Contract = 2 && Streaming\_TV = 1 && Partner = 1 && Internet\_Service = 2: 1

If Contract = 2 && Internet\_Service = 1 && Device\_Protection = 3 && Payment\_Method = 1 &&

Online\_Backup = 1: 1

If Contract = 3 && Multiple\_Lines = 2: 1

If Tenure > 17 && Internet\_Service = 1 && Senior\_Citizen = 1 && Multiple\_Lines = 1 && Contract = 1 &&

Tech\_Support = 3 && Payment\_Method = 4: 1

If Tenure > 5 && Internet\_Service = 3 && Senior\_Citizen = 1 && Payment\_Method = 4 && Partner = 1: 1

If Tenure > 17 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Multiple\_Lines = 3 &&

Payment\_Method = 4: 1

If Contract = 2 &&Internet\_Service = 1 &&Payment\_Method = 3 &&Multiple\_Lines = 1: 1

If Tenure > 17 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Multiple\_Lines = 1 &&Contract = 1 && Payment\_Method = 1 &&Online\_Security = 1: 1

If Contract = 2 &&Streaming\_Movies = 1 &&Payment\_Method = 4: 1

If Tenure > 17 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Tech\_Support = 3 &&

Multiple\_Lines = 2 &&Device\_Protection = 3 &&Partner = 1: 1

If Tenure > 17 &&Internet\_Service = 1 &&Multiple\_Lines = 3 &&Online\_Backup = 3 &&

Streaming\_TV = 3 &&Senior\_Citizen = 1: 1

If Tenure > 17 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Paperless\_Billing = 1 && Payment\_Method = 4: 1

If Tenure > 22 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Multiple\_Lines = 1 &&

If Contract = 1 &&Payment\_Method = 2: 1

If Tenure > 25 &&Internet\_Service = 1 &&Streaming\_TV = 1 &&Payment\_Method = 3 &&

Paperless\_Billing = 1: 1

If Contract = 3 && Multiple\_Lines = 1: 1

If Contract = 2 &&Payment\_Method = 2 &&Multiple\_Lines = 2: 1

If Online\_Security = 2 &&Tenure > 1 &&Senior\_Citizen = 1 &&Payment\_Method = 2 &&

Multiple\_Lines = 1: 1

If Contract = 2 &&Dependents = 2 &&Tenure <= 68 &&Senior\_Citizen = 1 &&Device\_Protection = 3 &&

Streaming\_Movies = 3 &&Online\_Backup = 3 &&Tenure <= 64: 1

If Tenure > 17 &&Tenure > 50 &&Streaming\_TV = 1 &&Tech\_Support = 3 &&Paperless\_Billing = 1: 1

If Tenure > 17 &&Tenure > 49 &&Payment\_Method = 4: 1

If Online\_Security = 2 &&Tenure > 1 &&Payment\_Method = 4: 1

If Tenure > 10 &&Internet\_Service = 1 &&Dependents = 2 &&Senior\_Citizen = 2: 1

If Tenure > 10 &&Internet\_Service = 1 &&Dependents = 2 &&Contract = 1 &&

Payment\_Method = 1 &&Multiple\_Lines = 1: 1

If Tenure > 16 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Contract = 1 &&

Payment\_Method = 4 &&Multiple\_Lines = 1 &&Paperless\_Billing = 2 &&Dependents = 1: 1

If Tenure > 16 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Online\_Backup = 1 &&

Tenure <= 55 &&Dependents = 2 &&Paperless\_Billing = 2 &&Streaming\_Movies = 1: 1

If Tenure > 17 &&Tenure > 50 &&Streaming\_TV = 1 &&Payment\_Method = 1 &&

Streaming\_Movies = 1: 1

If Tenure > 6 &&Internet\_Service = 3 &&Dependents = 2: 1

If Tenure > 16 &&Tenure > 55 &&Online\_Security = 3 &&Contract = 1 &&Dependents = 1 &&

Streaming\_TV = 3 &&Streaming\_Movies = 3: 1

If Contract = 3 &&Online\_Security = 1 &&Payment\_Method = 3 &&Senior\_Citizen = 2: 1

If Contract = 2 &&Payment\_Method = 1 &&Senior\_Citizen = 2: 1

If Tenure > 16 &&Internet\_Service = 1 &&Multiple\_Lines = 3 &&Senior\_Citizen = 2: 1

If Tenure > 6 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Online\_Backup = 3 &&

Contract = 1 &&Payment\_Method = 1 &&Tech\_Support = 3: 1

If Contract = 2 &&Tenure > 70 &&TotalCharges <= 8046.85: 1

If Tenure > 6 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Multiple\_Lines = 1 &&

Streaming\_TV = 3 &&Dependents = 1 &&Partner = 1 &&Device\_Protection = 3: 1

If Tenure <= 5 &&MonthlyCharges > 65.65 &&Online\_Security = 1 &&Internet\_Service = 2 &&

Tenure <= 1 &&Tech\_Support = 1 &&Payment\_Method = 3 &&Device\_Protection = 1 &&

Online\_Backup = 1 &&Dependents = 1: 2

If Contract = 3 &&Online\_Security = 1 &&Senior\_Citizen = 1 &&Payment\_Method = 1 &&

Paperless\_Billing = 2 && Online\_Backup = 3 &&Dependents = 1: 1

If Tenure > 16 &&Tech\_Support = 3 &&Streaming\_TV = 1 &&Senior\_Citizen = 1 &&

Payment\_Method = 1 &&Dependents = 1: 1

If Contract = 2 &&Payment\_Method = 2 &&Senior\_Citizen = 1 &&Tech\_Support = 1 &&

Multiple\_Lines = 1 &&Streaming\_TV = 3: 1

If Online\_Security = 2 &&Senior\_Citizen = 1 &&Payment\_Method = 3 &&Multiple\_Lines = 1 &&

Dependents = 1: 1

If Tenure > 16 &&Tech\_Support = 3 &&Dependents = 2 &&Tenure > 50: 1

If Online\_Security = 3 &&Streaming\_TV = 1 &&Dependents = 2 &&Senior\_Citizen = 1 &&

Streaming\_Movies = 3 &&Tenure <= 55: 1

If Online\_Security = 2 &&Senior\_Citizen = 1 &&Paperless\_Billing = 1 &&Payment\_Method = 2: 1

If Tenure > 16 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Multiple\_Lines = 3 &&

Online\_Security = 1 &&Paperless\_Billing = 2 &&Payment\_Method = 2: 1

If Tenure > 16 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Tech\_Support = 1 &&

Multiple\_Lines = 3 &&Online\_Security = 1 &&Tenure <= 40: 1

If Tenure <= 5 &&Internet\_Service = 2 &&Online\_Security = 1 &&Multiple\_Lines = 3 &&

Dependents = 1 &&Payment\_Method = 3 &&Paperless\_Billing = 2 &&Streaming\_Movies = 3: 2

If Online\_Security = 3 &&Paperless\_Billing = 1 &&Online\_Backup = 3 &&Contract = 1 &&

Device\_Protection = 1: 1

If Tenure > 17 &&Online\_Security = 3 &&Streaming\_TV = 1 &&Tech\_Support = 3 &&

Internet\_Service = 2: 1

If Contract = 2 &&Online\_Backup = 1 &&Payment\_Method = 1 &&Internet\_Service = 2 &&

Streaming\_TV = 3 &&Paperless\_Billing = 1: 1

If Contract = 2 &&Dependents = 1 &&Online\_Backup = 1 &&Device\_Protection = 1 &&

Multiple\_Lines = 1: 1

If Tenure > 16 &&Internet\_Service = 1 &&Partner = 1 &&Multiple\_Lines = 3 &&Online\_Security = 3 &&

Device\_Protection = 3 &&Tech\_Support = 1: 1

If Tenure <= 5 &&Internet\_Service = 2 &&Online\_Security = 1 &&

Multiple\_Lines = 3 &&Dependents = 2: 2

If Online\_Security = 2 &&Senior\_Citizen = 1 &&Multiple\_Lines = 3: 1

If Tenure > 16 &&Payment\_Method = 4 &&Streaming\_Movies = 1 &&Multiple\_Lines = 2: 1

If Tenure > 28 &&Online\_Security = 3 &&Multiple\_Lines = 2 &&Paperless\_Billing = 2 &&

Dependents = 1 &&Online\_Backup = 1: 1

If Tenure > 28 &&Online\_Security = 3 &&Tech\_Support = 1 &&Device\_Protection = 1 &&

Multiple\_Lines = 3 &&Online\_Backup = 1 &&Senior\_Citizen = 1: 1

If Internet\_Service = 3 &&Senior\_Citizen = 1 &&Paperless\_Billing = 1 &&Payment\_Method = 3: 1

If Tenure <= 5 &&Internet\_Service = 2 &&Tenure <= 1 &&Tech\_Support = 1 &&Online\_Security = 1 &&

Payment\_Method = 4: 2

If Tenure > 29 &&Online\_Security = 3 &&Tech\_Support = 1 &&Payment\_Method = 1 &&Contract = 1 &&

Senior\_Citizen = 1 &&Dependents = 1: 1

If Contract = 2 &&Payment\_Method = 3 &&Dependents = 1 &&Tech\_Support = 1 &&Partner = 1 &&

Paperless\_Billing = 2 &&Streaming\_Movies = 3 &&Tenure <= 61: 1

If Paperless\_Billing = 1 &&Senior\_Citizen = 1 &&Internet\_Service = 1 &&Online\_Backup = 3 &&

Streaming\_TV = 1 &&Online\_Security = 1 &&Streaming\_Movies = 1 &&Tenure > 1: 1

If Tech\_Support = 2 &&Payment\_Method = 3 &&TotalCharges <= 36.45: 2

If Tech\_Support = 2 &&Senior\_Citizen = 1 &&Payment\_Method = 1 &&Tenure <= 13 &&

Paperless\_Billing = 2 &&Partner = 1 &&MonthlyCharges <= 20.1: 1

If Tech\_Support = 2 &&Senior\_Citizen = 1 &&Payment\_Method = 1 &&Tenure <= 13 &&

Dependents = 1 &&Paperless\_Billing = 1 &&Partner = 1: 1

If Tenure > 16 &&Tech\_Support = 3 &&Payment\_Method = 4 &&MonthlyCharges > 66.05 &&

Online\_Backup = 1 &&MonthlyCharges <= 102.25: 1

If Tenure > 17 &&Paperless\_Billing = 1 &&Dependents = 1 &&Multiple\_Lines = 1 &&

Device\_Protection = 3 &&Partner = 2: 1

If Tenure > 29 &&Payment\_Method = 2 &&Device\_Protection = 3 &&Paperless\_Billing = 2 &&

Dependents = 2 &&Tenure <= 65: 1

If Tech\_Support = 2 &&Senior\_Citizen = 1 &&Payment\_Method = 4 &&Paperless\_Billing = 1 &&

Partner = 1 &&Dependents = 2 &&MonthlyCharges <= 19.8: 2

If Tech\_Support = 2 &&Senior\_Citizen = 1 &&Payment\_Method = 4 &&

Paperless\_Billing = 1: 1

If Tenure <= 5 &&Internet\_Service = 2 &&Payment\_Method = 1 &&Senior\_Citizen = 1: 2

If Tenure > 28 &&Tech\_Support = 3 &&Paperless\_Billing = 2 &&Multiple\_Lines = 2 &&

Senior\_Citizen = 1 &&Online\_Backup = 1: 1

If Tenure > 29 &&Online\_Security = 3 &&Internet\_Service = 2 &&Streaming\_TV = 1 &&

Multiple\_Lines = 3 &&Payment\_Method = 3 &&Paperless\_Billing = 2: 1

If Tenure <= 2 &&Senior\_Citizen = 2 &&Multiple\_Lines = 2: 2

If Internet\_Service = 1 &&Tenure > 3 &&Contract = 1 &&Multiple\_Lines = 1 &&Online\_Backup = 3 &&

Payment\_Method = 3 &&Online\_Security = 1: 1

If Paperless\_Billing = 1 &&Online\_Security = 3 &&Senior\_Citizen = 1 &&Partner = 1 &&Tech\_Support = 1 &&Online\_Backup = 1 &&Streaming\_TV = 1 &&Streaming\_Movies = 1 &&Multiple\_Lines = 1 &&

Dependents = 1 &&Internet\_Service = 1 &&Tenure <= 8: 1

If Payment\_Method = 2 &&Senior\_Citizen = 1 &&Tenure > 7 &&Multiple\_Lines = 1 &&

Online\_Security = 1 &&Online\_Backup = 1 &&Streaming\_Movies = 3: 1

If Contract = 2 &&Multiple\_Lines = 3 &&Payment\_Method = 1 &&Internet\_Service = 2 &&

Partner = 2: 1

If Paperless\_Billing = 1 &&Payment\_Method = 1 &&Device\_Protection = 3 &&Streaming\_Movies = 3 &&

Internet\_Service = 1: 1

If Tenure > 29 &&Tech\_Support = 3 &&Paperless\_Billing = 2 &&Multiple\_Lines = 2 &&

Senior\_Citizen = 2: 1

If Paperless\_Billing = 1 &&Payment\_Method = 4 &&Streaming\_TV = 1 &&Streaming\_Movies = 3 &&

Senior\_Citizen = 1: 1

If Tenure <= 16 &&MonthlyCharges > 78.9 &&Contract = 1 &&Dependents = 1 &&

Online\_Security = 1 &&Paperless\_Billing = 2 &&Tech\_Support = 1 &&Multiple\_Lines = 3 &&

Streaming\_Movies = 3 &&Senior\_Citizen = 2: 2

If Tenure <= 5 &&Tech\_Support = 1 &&Paperless\_Billing = 2 &&Device\_Protection = 3 &&

Online\_Security = 1 &&Partner = 1 &&Dependents = 1 &&Internet\_Service = 2 &&Tenure <= 2: 2

If Tenure <= 5 &&Tech\_Support = 1 &&Paperless\_Billing = 2 &&Multiple\_Lines = 3 &&

Internet\_Service = 2 &&Payment\_Method = 3 &&Dependents = 1 &&Online\_Security = 1 &&

Online\_Backup = 1 &&Partner = 1 &&Device\_Protection = 1 &&Tenure <= 3: 2

If Payment\_Method = 2 &&Streaming\_Movies = 1 &&Partner = 2 &&Device\_Protection = 3 &&

Senior\_Citizen = 2: 1

If Contract = 2 &&Payment\_Method = 3 &&Multiple\_Lines = 1 &&Senior\_Citizen = 1 &&

Paperless\_Billing = 2 &&Tenure > 39: 1

If Payment\_Method = 2 &&Senior\_Citizen = 1 &&Partner = 2 &&Streaming\_Movies = 1 &&

Online\_Backup = 3 &&Tech\_Support = 1 &&Device\_Protection = 1: 1

If Payment\_Method = 1 &&Internet\_Service = 1 &&Contract = 2 &&MonthlyCharges <= 71.45: 2

If Payment\_Method = 1 &&Internet\_Service = 1 &&Contract = 1 &&Online\_Security = 3 &&

TotalCharges <= 882.55 &&Tenure > 3: 1

If Contract = 2 &&Multiple\_Lines = 3 &&Payment\_Method = 4 &&Partner = 2: 2

If Contract = 2 &&Multiple\_Lines = 3 &&Online\_Backup = 1 &&Partner = 2 &&Tech\_Support = 1 &&

MonthlyCharges > 89.6: 1

If Payment\_Method = 4 &&Senior\_Citizen = 2 &&Internet\_Service = 2 &&Paperless\_Billing = 2 &&

Dependents = 1 &&Partner = 2: 2

If Payment\_Method = 4 &&Contract = 1 &&Partner = 2 &&Streaming\_TV = 1 &&Dependents = 1 &&

Tech\_Support = 1: 1

If Tech\_Support = 3 &&Multiple\_Lines = 3 &&Payment\_Method = 2 &&Dependents = 1 &&

Device\_Protection = 3 &&Paperless\_Billing = 2 &&Streaming\_Movies = 3 &&

TotalCharges > 6975.25: 1

If Paperless\_Billing = 1 &&Contract = 2 &&Multiple\_Lines = 3 &&Senior\_Citizen = 1 &&

Dependents = 1 &&Partner = 1: 1

If Payment\_Method = 4 &&Contract = 1 &&Senior\_Citizen = 2 &&Streaming\_Movies = 3 &&

Online\_Backup = 1: 2

If Payment\_Method = 4 &&Contract = 1 &&Dependents = 2 &&Multiple\_Lines = 3 &&

Paperless\_Billing = 2: 1

If Paperless\_Billing = 1 &&Streaming\_Movies = 1 &&Payment\_Method = 1 &&Online\_Security = 3 &&

TotalCharges <= 1511.2: 2

If Paperless\_Billing = 1 &&Payment\_Method = 1 &&Online\_Security = 1 &&Streaming\_Movies = 1 &&

Online\_Backup = 1 &&Tech\_Support = 1 &&Tenure <= 22: 1

If Tech\_Support = 3 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Online\_Security = 1 &&

Contract = 2 &&Paperless\_Billing = 2 &&Multiple\_Lines = 1 &&Payment\_Method = 2: 1

If Tech\_Support = 3 &&Internet\_Service = 1 &&Senior\_Citizen = 1 &&Online\_Security = 1 &&

Contract = 2 &&Streaming\_TV = 3: 1

If Paperless\_Billing = 1 &&Online\_Security = 3 &&Tech\_Support = 1 &&Online\_Backup = 3 &&

Dependents = 1 &&Streaming\_Movies = 3: 1

If Tech\_Support = 3 &&Multiple\_Lines = 1 &&Contract = 2 &&Payment\_Method = 1: 2

If Tech\_Support = 3 &&Multiple\_Lines = 1 &&Senior\_Citizen = 1 &&Internet\_Service = 1 &&

Contract = 1 &&Streaming\_TV = 3 &&Online\_Security = 3: 1

If Tech\_Support = 3 &&Payment\_Method = 1 &&Dependents = 2 &&MonthlyCharges <= 98.05: 1

If Payment\_Method = 3 &&Tech\_Support = 1 &&Paperless\_Billing = 2 &&Contract = 1 &&

Internet\_Service = 2 &&Tenure > 56 &&Streaming\_TV = 1: 1

If Payment\_Method = 3 &&Tech\_Support = 1 &&Paperless\_Billing = 2 &&Contract = 1 &&

Internet\_Service = 2 &&Tenure <= 1 &&Streaming\_Movies = 1: 2

If Payment\_Method = 3 &&Tech\_Support = 1 &&Paperless\_Billing = 2 &&Dependents = 1 &&

Contract = 1 &&Online\_Security = 1 &&Multiple\_Lines = 2 &&Online\_Backup = 1 &&

Tenure <= 21 &&Senior\_Citizen = 1: 2

If Internet\_Service = 3 && Dependents = 2: 1

If Internet\_Service = 1 &&Tenure > 3 &&Contract = 1 &&Tech\_Support = 1 &&Senior\_Citizen = 1 &&

Partner = 2 &&Payment\_Method = 4: 1

If Internet\_Service = 1 &&Tenure > 5 &&Contract = 1 &&Tech\_Support = 1 &&Senior\_Citizen = 1 &&

Multiple\_Lines = 2 &&Online\_Backup = 1 &&Device\_Protection = 1 &&Online\_Security = 1 &&

Payment\_Method = 2: 1

If Internet\_Service = 1 &&Tenure > 5 &&Contract = 1 &&Tech\_Support = 1 &&Senior\_Citizen = 1 &&

Streaming\_TV = 3 &&Online\_Backup = 1 &&Payment\_Method = 3 &&TotalCharges <= 2007.85: 1

If Tech\_Support = 3 &&Multiple\_Lines = 2 &&Paperless\_Billing = 2 &&Online\_Security = 1 &&

Payment\_Method = 3 &&Online\_Backup = 1 &&Senior\_Citizen = 1 &&Tenure <= 14: 1

If Tech\_Support = 3 &&Multiple\_Lines = 2 &&Paperless\_Billing = 2 &&Online\_Security = 3: 2

If Tech\_Support = 3 &&Dependents = 1 &&Multiple\_Lines = 1 &&Contract = 1 &&

Internet\_Service = 1 &&Online\_Security = 1 &&Streaming\_Movies = 3 &&Online\_Backup = 1 &&

Partner = 1 &&Payment\_Method = 3 &&TotalCharges > 146.6: 2

If Tech\_Support = 3 &&Dependents = 1 &&Multiple\_Lines = 1 &&Contract = 1 &&

Internet\_Service = 1 &&Streaming\_Movies = 3: 1

If Tech\_Support = 3 &&Multiple\_Lines = 3 &&Online\_Backup = 3 &&Paperless\_Billing = 2 &&

Streaming\_TV = 3 &&Internet\_Service = 2 &&Device\_Protection = 1 &&Dependents = 1 &&

Online\_Security = 1 &&Streaming\_Movies = 3 &&TotalCharges <= 6873.75: 1

If Streaming\_TV = 3 &&Tenure <= 29 &&Internet\_Service = 2 &&Tenure <= 14 &&Dependents = 1 &&

Online\_Security = 3 &&Streaming\_Movies = 3: 2

If Online\_Security = 3 &&Dependents = 2 &&Multiple\_Lines = 2: 1

If Online\_Security = 3 &&Streaming\_TV = 1 &&Online\_Backup = 1 &&Senior\_Citizen = 1 &&

Partner = 2 &&Device\_Protection = 1 &&Streaming\_Movies = 1 &&Multiple\_Lines = 1 &&

Dependents = 2: 1

If Payment\_Method = 3 &&Tech\_Support = 1 &&Contract = 1 &&

Paperless\_Billing = 2 &&Internet\_Service = 2 &&Dependents = 1 &&Online\_Security = 1 &&

Streaming\_TV = 3 &&Tenure <= 16 &&Senior\_Citizen = 1 &&Partner = 2 &&Tenure > 3: 2

If Payment\_Method = 3 &&Contract = 1 &&Tech\_Support = 1 &&Paperless\_Billing = 2 &&

Internet\_Service = 2 &&Dependents = 1 &&Online\_Security = 1 &&Partner = 1 &&Streaming\_TV = 3 &&

Senior\_Citizen = 1 &&Online\_Backup = 1 &&Multiple\_Lines = 1 &&Device\_Protection = 1 &&

MonthlyCharges <= 91.55: 2

If Multiple\_Lines = 3 &&Tech\_Support = 1 &&Paperless\_Billing = 2 &&Contract = 3: 2

If Multiple\_Lines = 3 &&Contract = 3 &&Device\_Protection = 3 &&Payment\_Method = 3 &&

MonthlyCharges > 108.5: 1

If Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Internet\_Service = 2 &&Contract = 3 &&

Payment\_Method = 1 &&Tenure <= 69 &&Tenure <= 65: 1

If Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Internet\_Service = 2 &&Contract = 3 &&

Payment\_Method = 1 &&Tenure > 69: 1

If Contract = 3 &&Tenure > 47: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Internet\_Service = 2 &&

Tech\_Support = 1 &&Dependents = 1 &&Payment\_Method = 3 &&Partner = 1 &&Senior\_Citizen = 2 &&

Streaming\_TV = 1 &&Device\_Protection = 1 &&Online\_Security = 1 &&Streaming\_Movies = 1 &&

Online\_Backup = 3: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Internet\_Service = 2 &&

Tech\_Support = 1 &&Dependents = 1 &&Streaming\_Movies = 3 &&Tenure > 59 &&

Online\_Backup = 3 &&TotalCharges <= 7085.5 &&Payment\_Method = 1: 1

If Contract = 1 &&Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Internet\_Service = 2 &&

Tech\_Support = 1 &&Dependents = 1 &&Streaming\_Movies = 3 &&Partner = 1 &&

Payment\_Method = 4 &&Tenure <= 37: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Internet\_Service = 2 &&

Tech\_Support = 1 &&Payment\_Method = 3 &&Dependents = 1 &&Partner = 1 &&

Senior\_Citizen = 2 &&Streaming\_TV = 1 &&TotalCharges > 312.7: 2

If Contract = 1 &&Streaming\_Movies = 3 &&Tenure <= 29 &&Internet\_Service = 2 &&

Payment\_Method = 2 &&Online\_Security = 1 &&Tech\_Support = 1 &&Senior\_Citizen = 2: 2

If Contract = 2 &&Streaming\_Movies = 1 &&Dependents = 2 &&Online\_Backup = 3 &&

Streaming\_TV = 3: 1

If Contract = 1 &&Payment\_Method = 2 &&Online\_Security = 3 &&Paperless\_Billing = 2 &&

Streaming\_TV = 1 &&Tech\_Support = 1 &&Multiple\_Lines = 3 &&MonthlyCharges <= 94.45: 1

If Contract = 1 &&Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Service = 2 &&Tech\_Support = 1 &&

Streaming\_Movies = 3 &&Payment\_Method = 2 &&Streaming\_TV = 1 &&Device\_Protection = 1: 2

If Contract = 1 &&Payment\_Method = 2 && Internet\_Service = 1 &&Paperless\_Billing = 2 &&

Partner = 2 &&Tenure > 4: 1

If Contract = 1 &&Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Tech\_Support = 1 &&

Internet\_Service = 2 &&Dependents = 1 &&Payment\_Method = 3 &&Streaming\_TV = 3 &&

Partner = 1 &&Device\_Protection = 1 &&Senior\_Citizen = 2 &&Online\_Backup = 3 &&

Tenure <= 30: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Tech\_Support = 1 &&

Internet\_Service = 2 &&Streaming\_Movies = 3 &&Online\_Backup = 1 &&Payment\_Method = 3 &&

Device\_Protection = 3 &&Online\_Security = 1 &&Streaming\_TV = 3 &&Partner = 1 &&

MonthlyCharges <= 99.7: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Tech\_Support = 1 &&

Internet\_Service = 2 &&Streaming\_Movies = 3 &&Payment\_Method = 3 &&Online\_Backup = 1 &&

Dependents = 2 &&Senior\_Citizen = 1 &&Device\_Protection = 3: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Dependents = 1 &&

Internet\_Service = 2 &&Tech\_Support = 1 &&Payment\_Method = 1 &&Partner = 2 &&

Online\_Security = 1 &&Streaming\_Movies = 1: 2

If Contract = 2 &&Streaming\_TV = 1 &&Senior\_Citizen = 1 &&Paperless\_Billing = 2 &&

Multiple\_Lines = 3: 1

If Contract = 2 &&Payment\_Method = 4 &&Online\_Backup = 1: 2

If Contract = 2 &&Payment\_Method = 4 &&MonthlyCharges > 70.45: 1

If Contract = 2 &&Payment\_Method = 1 &&Streaming\_TV = 3 &&Online\_Security = 3 &&

Dependents = 1 &&Tech\_Support = 3: 1

If Contract = 2 &&Payment\_Method = 2 &&Device\_Protection = 1 &&Dependents = 1: 2

If Contract = 1 &&Payment\_Method = 1 &&Online\_Backup = 3 &&Streaming\_Movies = 1 &&

Paperless\_Billing = 1: 1

If Contract = 1 &&Payment\_Method = 3 &&Tech\_Support = 1 &&Dependents = 1 &&

Paperless\_Billing = 2 &&Online\_Security = 1 &&Multiple\_Lines = 3 &&Streaming\_Movies = 3 &&

Internet\_Service = 2 &&Online\_Backup = 1 &&Streaming\_TV = 1 &&Device\_Protection = 1 &&

Senior\_Citizen = 1: 2

If Contract = 1 &&Payment\_Method = 2 &&Partner = 1 &&Online\_Backup = 1 &&Multiple\_Lines = 2 &&

Paperless\_Billing = 2: 1

If Contract = 1 &&Payment\_Method = 3 &&Tech\_Support = 1 &&Device\_Protection = 3 &&

Partner = 2 &&Online\_Security = 3 &&Dependents = 1 &&Tenure > 18: 2

If Contract = 1 &&Tenure > 17 &&Multiple\_Lines = 1 &&Dependents = 1 &&Partner = 1 &&

Online\_Security = 1 &&Tech\_Support = 1 &&Payment\_Method = 2 &&Device\_Protection = 1 &&

Streaming\_TV = 1 &&Paperless\_Billing = 1: 1

If Contract = 1 &&Tenure > 17 &&Multiple\_Lines = 1 &&Dependents = 1 &&Device\_Protection = 3 &&

Internet\_Service = 2 &&Senior\_Citizen = 1 &&Payment\_Method = 3 &&Paperless\_Billing = 2 &&

Online\_Security = 1 &&Streaming\_TV = 3: 1

If Contract = 1 &&Streaming\_TV = 3 &&Online\_Backup = 1 &&Multiple\_Lines = 2 &&

Online\_Security = 1 &&Senior\_Citizen = 1 &&Tech\_Support = 1 &&Partner = 1: 2

If Contract = 1 &&Payment\_Method = 3 &&Online\_Security = 1 &&Paperless\_Billing = 2 &&

Dependents = 1 &&Partner = 1 &&Multiple\_Lines = 3 &&Streaming\_TV = 3 &&

Device\_Protection = 1 &&Tech\_Support = 3: 2

If Contract = 1 &&Payment\_Method = 4 &&Partner = 2 &&Paperless\_Billing = 1 &&

Internet\_Service = 1: 2

If Contract = 1 &&Payment\_Method = 4 &&Device\_Protection = 1 &&Tech\_Support = 3 &&

Partner = 1 &&Senior\_Citizen = 1 &&Internet\_Service = 2 &&Multiple\_Lines = 1: 1

If Contract = 1 &&Paperless\_Billing = 1 &&Payment\_Method = 4 &&Online\_Backup = 1 &&

Streaming\_Movies = 1 &&Multiple\_Lines = 2 &&Online\_Security = 1 &&Tenure <= 6: 1

If Contract = 1 &&Tenure > 17 &&Partner = 1 &&Paperless\_Billing = 1 &&Streaming\_Movies = 3 &&

Internet\_Service = 2 &&Tech\_Support = 1 &&Multiple\_Lines = 3: 1

If Contract = 1 &&Streaming\_Movies = 3 &&Online\_Security = 1 &&Online\_Backup = 1 &&

Partner = 1 &&Tenure <= 22 &&Multiple\_Lines = 2 &&Streaming\_TV = 1: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Tech\_Support = 1 &&Dependents = 1 &&Streaming\_TV = 3 &&

Paperless\_Billing = 2 &&Internet\_Service = 2 &&Partner = 1 &&Tenure <= 19 &&Online\_Security = 1 &&

Payment\_Method = 3 &&Streaming\_Movies = 3: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Tech\_Support = 3 &&Streaming\_TV = 3 &&

Streaming\_Movies = 1 &&Partner = 1 &&Device\_Protection = 3: 1

If Contract = 1 &&Multiple\_Lines = 3 &&Dependents = 1 &&Tech\_Support = 1 &&

Internet\_Service = 2 &&Streaming\_Movies = 3 &&Online\_Security = 3 &&Payment\_Method = 3 &&

Tenure > 16: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Device\_Protection = 3 &&Online\_Security = 3 &&

Internet\_Service = 2 &&Tech\_Support = 1 &&Payment\_Method = 1: 2

If Contract = 1 &&Online\_Security = 3 &&Device\_Protection = 3 &&Multiple\_Lines = 1 &&

Senior\_Citizen = 1 &&Tech\_Support = 1: 1

If Contract = 1 &&Device\_Protection = 3 &&Payment\_Method = 4 &&Tenure <= 29 &&

Streaming\_TV = 3 &&TotalCharges > 414.1: 2

If Contract = 1 &&Payment\_Method = 4 &&Online\_Security = 2 &&Senior\_Citizen = 1 &&MonthlyCharges <= 20.3: 2

If Contract = 1 &&Tech\_Support = 2 &&Tenure <= 12 &&Senior\_Citizen = 1 &&Payment\_Method = 4: 1

If Contract = 1 &&Payment\_Method = 4 &&Online\_Security = 1 &&Multiple\_Lines = 2 &&

Streaming\_TV = 1 &&Online\_Backup = 1 &&Dependents = 1 &&MonthlyCharges > 24.5 &&

MonthlyCharges > 25: 2

If Contract = 1 &&Payment\_Method = 4 &&Online\_Security = 1 &&Multiple\_Lines = 2 &&

Streaming\_TV = 1 &&Online\_Backup = 1 &&Dependents = 2: 2

If Contract = 1 &&Payment\_Method = 4 &&Online\_Security = 1 &&Tenure > 2 &&Multiple\_Lines = 1 &&

Online\_Backup = 1 &&Dependents = 2 &&Partner = 2: 1

If Contract = 1 &&Payment\_Method = 4 &&Online\_Security = 1 &&Multiple\_Lines = 2 &&

Streaming\_TV = 1 &&Tenure <= 6 &&Dependents = 1: 2

If Contract = 1 &&Payment\_Method = 4 &&Online\_Security = 1 &&Tech\_Support = 3 &&

Internet\_Service = 1 &&Streaming\_Movies = 1 &&Online\_Backup = 1 &&

Paperless\_Billing = 2: 1

If Contract = 1 &&Payment\_Method = 4 &&Streaming\_Movies = 3 &&Device\_Protection = 3: 1

If Contract = 1 &&Multiple\_Lines = 2 &&Tech\_Support = 3 &&Partner = 1 &&MonthlyCharges > 30.1 &&

Online\_Security = 1: 1

If Contract = 1 &&Payment\_Method = 3 &&Tech\_Support = 1 &&Device\_Protection = 3 &&

Dependents = 2 &&Online\_Security = 1 &&Internet\_Service = 1: 2

If Contract = 1 &&Payment\_Method = 3 &&Tech\_Support = 1 &&Dependents = 1 &&

Online\_Security = 1 &&Streaming\_TV = 3 &&Internet\_Service = 2 &&Online\_Backup = 3 &&

Paperless\_Billing = 1 &&Streaming\_Movies = 1: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Dependents = 1 &&Online\_Security = 1 &&

Tech\_Support = 1 &&Streaming\_Movies = 3 &&Partner = 1 &&Paperless\_Billing = 1 &&

Payment\_Method = 3 &&Senior\_Citizen = 2: 2

If Contract = 1 &&Multiple\_Lines = 3 &&Dependents = 1 &&Online\_Security = 3 &&

Payment\_Method = 2 &&Streaming\_TV = 3 &&MonthlyCharges > 96.05: 2

If Contract = 1 &&Payment\_Method = 3 &&Tech\_Support = 1 &&Dependents = 1 &&

Online\_Security = 1 &&Paperless\_Billing = 2 &&Online\_Backup = 3 &&Internet\_Service = 2 &&

Streaming\_Movies = 1 &&Tenure <= 25 &&Device\_Protection = 1 &&Partner = 1 &&

Multiple\_Lines = 3: 2

If Contract = 1 &&Tenure <= 6 &&Tech\_Support = 2 &&Payment\_Method = 1 &&TotalCharges > 20.25: 1

If Contract = 1 &&Online\_Security = 2 &&Payment\_Method = 1 &&Partner = 1: 2

If Contract = 1 &&Tenure <= 6 &&Tech\_Support = 3 &&Partner = 2: 2

If Contract = 1 &&Senior\_Citizen = 2 &&Online\_Security = 2: 2

If Contract = 1 &&Tech\_Support = 3 &&Multiple\_Lines = 2: 2

If Contract = 1 &&Tech\_Support = 3 &&Streaming\_TV = 3 &&Internet\_Service = 1 &&

Online\_Security = 1 &&Paperless\_Billing = 2: 1

If Contract = 1 &&Tech\_Support = 3 &&Payment\_Method = 1 &&Dependents = 1 &&

Tenure <= 43 &&Multiple\_Lines = 3 &&Online\_Security = 1: 2

If Contract = 1 &&Tech\_Support = 2: 1

If Contract = 1 &&Tech\_Support = 3 &&Streaming\_TV = 3 &&Multiple\_Lines = 3 &&

Device\_Protection = 1 &&Online\_Backup = 3 &&Partner = 2 &&Internet\_Service = 2 &&

MonthlyCharges > 105.35: 1

If Contract = 1 &&Tenure <= 6 &&Partner = 1 &&Payment\_Method = 1 &&Streaming\_Movies = 1 &&

Tech\_Support = 1 &&Senior\_Citizen = 2: 2

If Contract = 1 &&Multiple\_Lines = 2 &&Payment\_Method = 1 &&Paperless\_Billing = 2 &&

Partner = 1: 1

If Contract = 1 &&Tech\_Support = 3 &&Streaming\_TV = 3 &&Paperless\_Billing = 2 &&

Payment\_Method = 2 &&Online\_Backup = 1 &&Tenure <= 48: 1

If Contract = 1 &&Tech\_Support = 3 &&Streaming\_TV = 3 &&Payment\_Method = 1 &&

Dependents = 1 &&Online\_Security = 1: 1

If Contract = 1 &&Paperless\_Billing = 1 &&Senior\_Citizen = 2 &&

Multiple\_Lines = 3 &&Streaming\_Movies = 1 &&Streaming\_TV = 1: 2

If Contract = 1 &&Paperless\_Billing = 1 &&Payment\_Method = 1 &&Online\_Security = 1 &&

Device\_Protection = 1 &&Senior\_Citizen = 1 &&Partner = 1: 2

If Contract = 1 &&Paperless\_Billing = 1 &&Streaming\_Movies = 1 &&Dependents = 1 &&

Tenure > 5 &&Payment\_Method = 4 &&Tech\_Support = 1 &&Internet\_Service = 1: 1

If Contract = 1 &&Paperless\_Billing = 1 &&Device\_Protection = 3 &&Dependents = 2 &&

Online\_Security = 1 &&Multiple\_Lines = 3: 2

If Contract = 1 &&Paperless\_Billing = 1 &&Device\_Protection = 3 &&Online\_Security = 1 &&

Partner = 2 &&Online\_Backup = 1 &&Streaming\_TV = 3 &&Senior\_Citizen = 1: 1

If Contract = 1 &&Paperless\_Billing = 1 &&Streaming\_Movies = 1 &&Internet\_Service = 2 &&

Senior\_Citizen = 2 &&Payment\_Method = 3 &&Device\_Protection = 1: 1

If Contract = 1 &&Streaming\_TV = 3 &&Dependents = 2 &&

Multiple\_Lines = 3 &&Online\_Backup = 3 &&Partner = 1: 1

If Contract = 1 &&Streaming\_TV = 3 &&Tech\_Support = 3 &&Payment\_Method = 2 &&

Paperless\_Billing = 2: 2

If Contract = 1 &&Tech\_Support = 3 &&Streaming\_TV = 3 &&Payment\_Method = 3 &&

Paperless\_Billing = 1 &&Online\_Security = 1 &&Online\_Backup = 3: 2

If Contract = 1 &&Tech\_Support = 3 &&Streaming\_TV = 3 &&Payment\_Method = 3 &&

Paperless\_Billing = 2 &&Senior\_Citizen = 2 &&Online\_Security = 1 &&Streaming\_Movies = 3 &&

Multiple\_Lines = 3 &&Device\_Protection = 3 &&MonthlyCharges > 104.9: 1

If Contract = 1 &&Tech\_Support = 3 &&Streaming\_TV = 3 &&Payment\_Method = 3 &&

Paperless\_Billing = 1 &&Online\_Security = 3: 2

If Contract = 1 &&Tech\_Support = 3 &&Paperless\_Billing = 1 &&Online\_Backup = 1 &&Partner = 1 &&

Dependents = 1 &&Online\_Security = 1 &&Senior\_Citizen = 1 &&Payment\_Method = 3: 1

If Contract = 1 &&Tech\_Support = 3 &&Streaming\_TV = 3 &&Payment\_Method = 3 &&

Internet\_Service = 2 &&Online\_Security = 3 &&Senior\_Citizen = 1 &&Online\_Backup = 3: 1

If Contract = 1 &&Paperless\_Billing = 2 &&Device\_Protection = 3 &&Internet\_Service = 1 &&

Tech\_Support = 1 &&Payment\_Method = 3 &&Tenure <= 32: 2

If Contract = 1 &&Streaming\_TV = 3 &&Tech\_Support = 3 &&Paperless\_Billing = 1 &&Partner = 2: 1

If Contract = 1 &&Streaming\_TV = 3 &&Tech\_Support = 3 &&Payment\_Method = 1 &&Tenure <= 34: 1

If Contract = 1 &&Streaming\_TV = 3 &&Dependents = 1 &&Streaming\_Movies = 3 &&

Online\_Security = 3 &&Payment\_Method = 3 &&TotalCharges <= 2110.15: 2

If Contract = 1 &&Streaming\_TV = 3 &&Tech\_Support = 3 &&Payment\_Method = 3 &&

Paperless\_Billing = 2 &&Online\_Security = 3: 1

If Contract = 1 &&Tech\_Support = 3 &&Online\_Security = 3 &&Partner = 1 &&

Payment\_Method = 4 &&Online\_Backup = 1 &&Tenure <= 8: 1

If Contract = 1 &&Tech\_Support = 3 &&Online\_Security = 3 &&Partner = 1 &&Payment\_Method = 3 &&

Tenure <= 10: 2

If Contract = 1 &&Streaming\_TV = 3 &&Device\_Protection = 3 &&Online\_Security = 3: 2

If Contract = 1 &&Streaming\_TV = 3 &&Dependents = 1 &&Tech\_Support = 1 &&

Internet\_Service = 2 &&Payment\_Method = 3 &&Device\_Protection = 3 &&Multiple\_Lines = 1 &&

Partner = 1 &&Senior\_Citizen = 1 &&MonthlyCharges > 94.2: 2

If Contract = 1 &&Senior\_Citizen = 2 &&Paperless\_Billing = 1 &&Online\_Security = 1 &&

Payment\_Method = 1: 2

If Contract = 1 &&Paperless\_Billing = 1 &&Online\_Backup = 3 &&Tech\_Support = 3 &&

Streaming\_Movies = 1: 2

If Contract = 1 &&Paperless\_Billing = 1 &&Online\_Backup = 3 &&Tech\_Support = 1 &&

Device\_Protection = 3 &&Partner = 1: 1

If Contract = 1 &&Device\_Protection = 3 &&Multiple\_Lines = 3 &&Internet\_Service = 1 &&

Online\_Backup = 1: 2

If Contract = 1 &&Paperless\_Billing = 1 &&Tech\_Support = 3 &&Online\_Backup = 1 &&

Senior\_Citizen = 1 &&Multiple\_Lines = 1 &&Payment\_Method = 4 &&Dependents = 1 &&Tenure <= 9: 1

If Contract = 1 &&Paperless\_Billing = 1 &&Tech\_Support = 3 &&Online\_Backup = 1 &&

Senior\_Citizen = 1 &&Multiple\_Lines = 1 &&Payment\_Method = 2: 2

If Contract = 1 &&Paperless\_Billing = 1 &&Tech\_Support = 3 &&Senior\_Citizen = 1 &&

Payment\_Method = 2: 1

If Contract = 1 &&Online\_Security = 3 &&Streaming\_Movies = 3 &&Multiple\_Lines = 1 &&

Internet\_Service = 2 &&Payment\_Method = 3: 1

If Contract = 1 &&Streaming\_TV = 3 &&Online\_Backup = 1 &&Online\_Security = 3 &&

Payment\_Method = 3: 2

If Contract = 1 &&Online\_Security = 3 &&Partner = 2 &&Tech\_Support = 1 &&Streaming\_Movies = 3: 1

If Contract = 1 &&Paperless\_Billing = 1 &&Tech\_Support = 3 &&Dependents = 1 &&Streaming\_TV = 1: 1

If Contract = 1 &&Multiple\_Lines = 2 &&Payment\_Method = 2 &&Device\_Protection = 3: 2

If Contract = 1 &&Multiple\_Lines = 2 &&Device\_Protection = 3 &&Streaming\_Movies = 3 &&

MonthlyCharges > 49.3: 1

If Contract = 1 &&Paperless\_Billing = 1 &&Online\_Security = 3 &&Payment\_Method = 4 &&

Tenure <= 2 &&Dependents = 1: 2

If Contract = 1 &&Paperless\_Billing = 1 &&Online\_Security = 3 &&Partner = 1 &&Internet\_Service = 2: 1

If Contract = 1 &&Multiple\_Lines = 2 &&Payment\_Method = 1: 2

If Contract = 1 &&Multiple\_Lines = 2 &&Device\_Protection = 3: 1

If Contract = 1 &&Online\_Security = 3 &&Partner = 2 &&Tech\_Support = 1 &&Multiple\_Lines = 1: 2

If Contract = 1 &&Multiple\_Lines = 2 &&Partner = 2 &&Payment\_Method = 3 &&Online\_Security = 1 &&

Senior\_Citizen = 1 &&Paperless\_Billing = 2 &&Online\_Backup = 3 &&Tenure > 24: 1

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 1 &&Device\_Protection = 1 &&

Senior\_Citizen = 2 &&Paperless\_Billing = 2 &&Tenure <= 41: 1

If Contract = 1 &&Streaming\_Movies = 3 &&Online\_Security = 3: 2

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 1 &&Device\_Protection = 1 &&

Streaming\_TV = 3 &&Paperless\_Billing = 2 &&Multiple\_Lines = 2 &&Partner = 1: 2

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 1 &&Device\_Protection = 1 &&

Payment\_Method = 4 &&Tech\_Support = 1 &&TotalCharges > 59.25: 1

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 1 &&Device\_Protection = 1 &&

Payment\_Method = 3 &&Online\_Backup = 1 &&Multiple\_Lines = 1: 2

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 1 &&Device\_Protection = 1 &&

Payment\_Method = 3 &&Online\_Backup = 3: 1

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 2 &&Payment\_Method = 2 &&

Dependents = 2: 2

If Contract = 1 &&Streaming\_Movies = 3 &&Dependents = 2 &&Senior\_Citizen = 2 &&

Tech\_Support = 1: 1

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 2 &&Tech\_Support = 1 &&

Payment\_Method = 4 &&Online\_Backup = 3: 1

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 2 &&Tech\_Support = 1 &&

Payment\_Method = 4 &&Tenure <= 11: 1

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 2 &&Payment\_Method = 4: 2

If Contract = 1 &&Streaming\_Movies = 3 &&Tech\_Support = 1 &&Payment\_Method = 3 &&

Internet\_Service = 1 &&Device\_Protection = 1 &&Partner = 2 &&MonthlyCharges > 44.45: 2

If Contract = 1 &&Streaming\_Movies = 3 &&Internet\_Service = 1 &&Device\_Protection = 3: 1

If Contract = 1 &&Streaming\_Movies = 3 &&Tech\_Support = 1 &&Payment\_Method = 3 &&

Multiple\_Lines = 3 &&Paperless\_Billing = 2 &&Senior\_Citizen = 2 &&Device\_Protection = 1 &&

Tenure > 19 &&Streaming\_TV = 3 &&Online\_Backup = 1: 2

If Contract = 1 &&Tenure <= 6 &&Streaming\_Movies = 3 &&Device\_Protection = 1 &&

Payment\_Method = 3 &&Multiple\_Lines = 1 &&Streaming\_TV = 1 &&Online\_Backup = 1 &&

Paperless\_Billing = 2 &&MonthlyCharges <= 80.3: 2

If Contract = 1 &&Online\_Backup = 3 &&Senior\_Citizen = 2 &&Dependents = 1 &&Tech\_Support = 1 &&

Partner = 2 &&Streaming\_TV = 1 &&Paperless\_Billing = 2 &&Tenure > 4: 2

if Contract = 1 &&Tenure <= 10 &&Streaming\_TV = 3 &&Payment\_Method = 2: 2

if Contract = 1 &&Payment\_Method = 2 &&Senior\_Citizen = 2 &&Streaming\_TV = 3 &&

Online\_Backup = 3: 1

if Contract = 1 &&Online\_Backup = 3 &&Streaming\_Movies = 3 &&Internet\_Service = 2 &&

Paperless\_Billing = 1 &&Payment\_Method = 3 &&MonthlyCharges > 95.5: 2

if Contract = 1 &&Internet\_Service = 1 &&Tech\_Support = 3 &&Partner = 1 &&Dependents = 1 &&

Device\_Protection = 1 &&Payment\_Method = 4: 2

if Contract = 1 &&Payment\_Method = 2 &&Device\_Protection = 3 &&Online\_Backup = 1 &&

Dependents = 1 &&Multiple\_Lines = 1: 1

if Contract = 1 &&Device\_Protection = 3 &&Internet\_Service = 1 &&Streaming\_TV = 1: 2

if Contract = 1 &&Online\_Backup = 1 &&Paperless\_Billing = 1 &&Payment\_Method = 2 &&

Online\_Security = 1 &&Senior\_Citizen = 1 &&Partner = 1 &&Multiple\_Lines = 3: 2

if Contract = 1 &&Online\_Backup = 1 &&Payment\_Method = 2 &&Streaming\_Movies = 1 &&

Device\_Protection = 3: 1

if Contract = 1 &&Device\_Protection = 3 &&Internet\_Service = 2 &&Paperless\_Billing = 1 &&

Online\_Backup = 1 &&Payment\_Method = 3 &&Partner = 1 &&Senior\_Citizen = 1 &&

Streaming\_Movies = 1 &&MonthlyCharges <= 76.4: 2

if Contract = 1 &&Device\_Protection = 3 &&Internet\_Service = 2 &&Paperless\_Billing = 1 &&

Online\_Backup = 1 &&Payment\_Method = 3 &&Partner = 1 &&Tenure > 8: 1

if Contract = 1 &&Device\_Protection = 3 &&Internet\_Service = 2 &&Streaming\_TV = 3 &&

Streaming\_Movies = 3 &&Payment\_Method = 2 &&Senior\_Citizen = 1: 2

if Contract = 1 &&Device\_Protection = 3 &&Internet\_Service = 2 &&Payment\_Method = 2 &&

Tenure > 16 &&MonthlyCharges > 90.9: 1

if Contract = 1 &&Device\_Protection = 3 &&Internet\_Service = 2 &&Payment\_Method = 2 &&

Senior\_Citizen = 1 &&Tenure <= 25: 2

if Contract = 1 &&Device\_Protection = 3 &&Internet\_Service = 2 &&Online\_Security = 1 &&

Multiple\_Lines = 3 &&Streaming\_TV = 3 &&Paperless\_Billing = 2 &&Payment\_Method = 1 &&

Streaming\_Movies = 3 &&Tech\_Support = 1 &&Partner = 1: 2

if Contract = 1 &&Payment\_Method = 1 &&Tech\_Support = 1 &&Senior\_Citizen = 2 &&

Online\_Backup = 3: 1

if Contract = 1 &&Device\_Protection = 3 &&Internet\_Service = 1: 1

if Contract = 1 &&Device\_Protection = 3 &&Online\_Security = 1 &&Paperless\_Billing = 1 &&

Payment\_Method = 3 &&Streaming\_Movies = 1 &&Streaming\_TV = 1 &&Tenure > 2: 1

if Contract = 1 &&Device\_Protection = 3 &&Online\_Security = 1 &&Paperless\_Billing = 1 &&

Streaming\_Movies = 1: 2

if Contract = 1 &&Online\_Backup = 3 &&Senior\_Citizen = 2 &&Dependents = 1 &&Tech\_Support = 1 &&

Paperless\_Billing = 2 &&Internet\_Service = 1 &&Streaming\_TV = 1: 1

if Contract = 1 &&Online\_Backup = 3 &&Senior\_Citizen = 2 &&

Dependents = 1 &&Payment\_Method = 2: 2

if Contract = 1 &&Online\_Backup = 3 &&Paperless\_Billing = 1 &&Streaming\_TV = 1 &&

Dependents = 1 &&Multiple\_Lines = 1 &&Partner = 1 &&Internet\_Service = 2: 1

if Contract = 1 &&Online\_Backup = 3 &&Senior\_Citizen = 2 &&Payment\_Method = 3 &&

Online\_Security = 1 &&Internet\_Service = 2 &&Streaming\_TV = 1 &&Streaming\_Movies = 1 &&

Multiple\_Lines = 1 &&Tenure <= 16: 2

if Contract = 1 &&Online\_Backup = 3 &&Paperless\_Billing = 1 &&Streaming\_TV = 1 &&

Multiple\_Lines = 3: 1

if Contract = 1 &&Online\_Backup = 3 &&Paperless\_Billing = 1 &&Streaming\_TV = 1 &&

TotalCharges > 50.15: 2

if Contract = 1 &&Device\_Protection = 3 &&Paperless\_Billing = 2 &&Partner = 2 &&

Senior\_Citizen = 2 &&Dependents = 1 &&Streaming\_TV = 3: 2

if Contract = 1 &&Partner = 2 &&Online\_Security = 3 &&Tech\_Support = 1 &&

Payment\_Method = 3 &&Multiple\_Lines = 3 &&Senior\_Citizen = 1: 2

if Contract = 1 &&Partner = 2 &&Multiple\_Lines = 2 &&Senior\_Citizen = 1 &&Dependents = 1: 1

if Contract = 1 &&Internet\_Service = 2 &&Online\_Security = 3 &&Payment\_Method = 1 &&

TotalCharges <= 1943.9: 1

if Contract = 1 &&Internet\_Service = 2 &&Payment\_Method = 4 &&Online\_Security = 1 &&

Senior\_Citizen = 1 &&Online\_Backup = 1 &&Multiple\_Lines = 1: 1

if Contract = 1 &&Partner = 2 &&Online\_Security = 3 &&Dependents = 1: 2

if Contract = 1 &&Partner = 2 &&Online\_Security = 1 &&Dependents = 1 &&Tech\_Support = 3 &&

Payment\_Method = 3 &&Device\_Protection = 1: 1

if Contract = 1 &&Tech\_Support = 3 &&Senior\_Citizen = 2: 2

if Contract = 1 &&Senior\_Citizen = 2 &&Online\_Security = 3: 1

if Contract = 1 &&Partner = 2 &&Payment\_Method = 4 &&Tenure <= 2: 1

if Contract = 1 &&Multiple\_Lines = 2 &&Streaming\_Movies = 1 &&Senior\_Citizen = 2: 2

if Contract = 1 &&Partner = 2 &&Payment\_Method = 1 &&Paperless\_Billing = 2 &&

Dependents = 1 &&Internet\_Service = 2 &&Multiple\_Lines = 1 &&TotalCharges > 1337.5: 1

if Contract = 1 &&Online\_Security = 3 &&Payment\_Method = 4 &&Internet\_Service = 1 &&

Online\_Backup = 1: 1

if Contract = 1 &&Online\_Security = 3 &&Payment\_Method = 1: 2

if Contract = 1 &&Tenure <= 5 &&Partner = 1 &&Senior\_Citizen = 2 &&Online\_Backup = 1 &&

Internet\_Service = 2 &&Payment\_Method = 3 &&Tenure <= 3: 2

if Contract = 1 &&Senior\_Citizen = 2 &&Device\_Protection = 3 &&Payment\_Method = 1: 1

if Contract = 1 &&Senior\_Citizen = 2 &&Multiple\_Lines = 1 &&Payment\_Method = 3 &&

Internet\_Service = 2 &&Device\_Protection = 3 &&Partner = 1 &&Streaming\_Movies = 3: 1

if Contract = 1 &&Online\_Security = 3 &&Payment\_Method = 2 &&MonthlyCharges > 49.3: 1

if Contract = 1 &&

Online\_Security = 3 &&

Payment\_Method = 4: 2 (6.0)

if Contract = 1 &&

Senior\_Citizen = 2 &&

Multiple\_Lines = 1 &&

Payment\_Method = 3 &&

Internet\_Service = 1 &&

Partner = 1 &&

TotalCharges <= 90.85: 1 (6.0/1.0)

if Contract = 1 &&

Internet\_Service = 1 &&

Senior\_Citizen = 2 &&

Payment\_Method = 3: 2 (7.0)

if Contract = 1 &&

Senior\_Citizen = 2 &&

Dependents = 1 &&

Payment\_Method = 4 &&

Internet\_Service = 2 &&

MonthlyCharges <= 77.4: 2 (7.0/2.0)

if Contract = 1 &&

Senior\_Citizen = 2 &&

Dependents = 1 &&

Streaming\_Movies = 1 &&

Streaming\_TV = 1 &&

Device\_Protection = 1 &&

Payment\_Method = 2 &&

MonthlyCharges <= 73.75: 1 (4.0)

if Contract = 1 &&

Senior\_Citizen = 2 &&

Paperless\_Billing = 1 &&

Streaming\_TV = 1: 2 (7.0/1.0)

if Contract = 1 &&

Senior\_Citizen = 2 &&

Internet\_Service = 2 &&

Paperless\_Billing = 1: 1 (5.0/1.0)

if Contract = 1 &&

Senior\_Citizen = 2 &&

Internet\_Service = 2 &&

Payment\_Method = 2 &&

Partner = 1: 2 (5.0/1.0)

if Contract = 1 &&

Senior\_Citizen = 2 &&

Internet\_Service = 2 &&

Payment\_Method = 2 &&

Tenure > 24: 2 (3.0/1.0)

Senior\_Citizen = 2 &&

Payment\_Method = 3 &&

Paperless\_Billing = 2 &&

Tech\_Support = 3 &&

MonthlyCharges > 103.3: 2 (5.0)

Senior\_Citizen = 2 &&

Dependents = 1 &&

Internet\_Service = 2 &&

Paperless\_Billing = 2 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Streaming\_TV = 1 &&

Device\_Protection = 1 &&

Partner = 1: 1 (17.0/5.0)

Senior\_Citizen = 2 &&

Dependents = 1 &&

Internet\_Service = 2 &&

Paperless\_Billing = 2 &&

Tech\_Support = 1 &&

Payment\_Method = 1 &&

Partner = 1: 1 (7.0/3.0)

Senior\_Citizen = 2 &&

Payment\_Method = 3 &&

Tech\_Support = 3: 1 (5.0)

if Contract = 1 &&

Senior\_Citizen = 2 &&

Payment\_Method = 3 &&

Partner = 2 &&

Tenure <= 31 &&

Online\_Backup = 1 &&

Device\_Protection = 1 &&

Multiple\_Lines = 3: 1 (11.0/2.0)

if Contract = 1 &&

Multiple\_Lines = 2 &&

Payment\_Method = 3 &&

Streaming\_TV = 1 &&

Online\_Security = 1 &&

Online\_Backup = 1 &&

Tenure <= 5: 2 (9.0/4.0)

if Contract = 1 &&

Online\_Security = 3 &&

Payment\_Method = 3 &&

Paperless\_Billing = 2 &&

Multiple\_Lines = 3 &&

Streaming\_TV = 1 &&

MonthlyCharges > 79.4: 1 (5.0)

if Contract = 1 &&

Online\_Security = 3 &&

Payment\_Method = 3 &&

Online\_Backup = 1 &&

Dependents = 1 &&

Multiple\_Lines = 1 &&

Internet\_Service = 1 &&

Tenure <= 20: 2 (5.0/1.0)

if Contract = 1 &&

Online\_Security = 3 &&

Payment\_Method = 3 &&

Internet\_Service = 2: 2 (14.0/5.0)

if Contract = 1 &&

Dependents = 2 &&

Senior\_Citizen = 1 &&

Paperless\_Billing = 1 &&

Payment\_Method = 3 &&

Internet\_Service = 1 &&

MonthlyCharges <= 49.05: 1 (9.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 2 &&

Payment\_Method = 3 &&

Partner = 1: 2 (8.0/2.0)

if Contract = 1 &&

Online\_Security = 3 &&

Payment\_Method = 3 &&

Tenure > 4: 1 (9.0/1.0)

if Contract = 1 &&

Online\_Security = 3: 2 (6.0)

if Contract = 1 &&

Payment\_Method = 2 &&

Senior\_Citizen = 1 &&

Device\_Protection = 1 &&

Multiple\_Lines = 1 &&

Streaming\_TV = 1 &&

Dependents = 1 &&

Online\_Backup = 3 &&

MonthlyCharges <= 77.15: 2 (5.0)

if Contract = 1 &&

Payment\_Method = 2 &&

Senior\_Citizen = 1 &&

Multiple\_Lines = 1 &&

Online\_Backup = 3: 1 (7.0/1.0)

if Contract = 1 &&

Payment\_Method = 2 &&

Senior\_Citizen = 1 &&

Multiple\_Lines = 1 &&

Streaming\_Movies = 1 &&

Tech\_Support = 1 &&

Dependents = 2: 1 (4.0/1.0)

if Contract = 1 &&

Payment\_Method = 4 &&

Senior\_Citizen = 1 &&

Tech\_Support = 1 &&

Streaming\_Movies = 1 &&

Dependents = 1 &&

Online\_Backup = 3 &&

Internet\_Service = 2: 1 (5.0)

if Contract = 1 &&

Multiple\_Lines = 2 &&

Online\_Backup = 3: 2 (7.0/3.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Paperless\_Billing = 1 &&

Partner = 2: 1 (11.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Internet\_Service = 1 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

TotalCharges > 50.15: 2 (13.0/4.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Paperless\_Billing = 2 &&

Partner = 2 &&

Internet\_Service = 2 &&

Online\_Backup = 1 &&

Tech\_Support = 3: 2 (11.0/3.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Device\_Protection = 1 &&

Tech\_Support = 3 &&

Internet\_Service = 2 &&

Partner = 1: 2 (9.0/3.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Tech\_Support = 3 &&

Internet\_Service = 2 &&

Dependents = 1 &&

Online\_Backup = 3 &&

Tenure > 49: 1 (7.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Online\_Backup = 3 &&

Internet\_Service = 1: 2 (4.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Tech\_Support = 3 &&

Partner = 1: 1 (4.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Dependents = 1 &&

Tech\_Support = 1 &&

Internet\_Service = 1: 1 (11.0/5.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 4 &&

Tenure > 16: 1 (4.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Dependents = 1 &&

Tech\_Support = 1 &&

Payment\_Method = 4 &&

Paperless\_Billing = 2 &&

TotalCharges <= 794.25: 1 (3.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 2 &&

Senior\_Citizen = 1 &&

Partner = 2 &&

Online\_Backup = 1: 2 (6.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 4: 2 (5.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Dependents = 2 &&

Tech\_Support = 1 &&

Partner = 1 &&

Payment\_Method = 3: 1 (6.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 2 &&

Senior\_Citizen = 1 &&

Streaming\_TV = 3 &&

Streaming\_Movies = 1: 2 (4.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 2 &&

Senior\_Citizen = 1 &&

Streaming\_TV = 1 &&

Tenure <= 14: 2 (6.0/2.0)

if Contract = 1 &&

Payment\_Method = 2 &&

Senior\_Citizen = 1 &&

Streaming\_Movies = 1 &&

Multiple\_Lines = 3: 1 (5.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Tech\_Support = 3 &&

Dependents = 1: 2 (3.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 2 &&

TotalCharges <= 4464.8: 1 (7.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Paperless\_Billing = 2 &&

Streaming\_Movies = 3 &&

Dependents = 2 &&

Online\_Backup = 1: 2 (6.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Paperless\_Billing = 2 &&

Senior\_Citizen = 2 &&

Device\_Protection = 1 &&

Streaming\_Movies = 3 &&

Tenure <= 55: 2 (6.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 1 &&

TotalCharges > 1326.35 &&

Dependents = 2: 1 (17.0/5.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 1 &&

Dependents = 1 &&

Device\_Protection = 1 &&

Online\_Backup = 3: 2 (8.0/3.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 1 &&

Dependents = 1 &&

Online\_Backup = 3: 1 (4.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 1 &&

Dependents = 2: 2 (4.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 1 &&

Streaming\_TV = 3 &&

Streaming\_Movies = 3 &&

MonthlyCharges <= 94.85: 2 (3.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 1 &&

Streaming\_Movies = 3: 1 (6.0/2.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 3 &&

Tech\_Support = 1 &&

Device\_Protection = 3 &&

Senior\_Citizen = 1 &&

Partner = 1 &&

Online\_Backup = 3: 2 (15.0/4.0)

if Contract = 1 &&

Paperless\_Billing = 1 &&

Online\_Backup = 1 &&

Dependents = 2 &&

Payment\_Method = 3: 2 (11.0/2.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Paperless\_Billing = 1 &&

Online\_Backup = 1 &&

Payment\_Method = 3 &&

Partner = 1 &&

Device\_Protection = 1 &&

Streaming\_Movies = 1 &&

Internet\_Service = 1 &&

MonthlyCharges > 44.65: 2 (9.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 2 &&

Streaming\_Movies = 1 &&

Tech\_Support = 1 &&

Paperless\_Billing = 2 &&

Partner = 1 &&

Internet\_Service = 1 &&

MonthlyCharges <= 44.8: 1 (3.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Senior\_Citizen = 2 &&

Payment\_Method = 3 &&

Partner = 2 &&

Online\_Backup = 1 &&

Device\_Protection = 1 &&

Streaming\_Movies = 1 &&

MonthlyCharges <= 70.8 &&

Tenure <= 12: 1 (4.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Internet\_Service = 1 &&

Senior\_Citizen = 1 &&

TotalCharges > 520.1: 1 (9.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 1 &&

Tech\_Support = 1 &&

Tenure <= 32 &&

Device\_Protection = 1 &&

Dependents = 2: 2 (8.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Dependents = 2 &&

Paperless\_Billing = 2 &&

Tech\_Support = 3 &&

Online\_Backup = 1: 1 (4.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Dependents = 2 &&

Paperless\_Billing = 2 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Partner = 2 &&

Streaming\_TV = 3 &&

Streaming\_Movies = 1: 1 (6.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 4 &&

Senior\_Citizen = 1 &&

Streaming\_TV = 1 &&

Dependents = 1 &&

Streaming\_Movies = 1 &&

Paperless\_Billing = 1 &&

MonthlyCharges <= 45.6 &&

MonthlyCharges > 44.4: 1 (12.0/2.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 4 &&

Senior\_Citizen = 1 &&

Paperless\_Billing = 2 &&

Streaming\_TV = 1 &&

Streaming\_Movies = 1 &&

Online\_Backup = 1 &&

Tenure <= 8: 2 (21.0/9.0)

if Contract = 1 &&

Payment\_Method = 4 &&

Senior\_Citizen = 1 &&

Paperless\_Billing = 1: 2 (11.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Tech\_Support = 3 &&

Payment\_Method = 3 &&

Device\_Protection = 1 &&

Online\_Backup = 1 &&

Tenure <= 36 &&

TotalCharges > 50.15 &&

Streaming\_TV = 1: 2 (5.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Internet\_Service = 1 &&

Senior\_Citizen = 1 &&

Streaming\_Movies = 1 &&

Online\_Backup = 3 &&

Paperless\_Billing = 2 &&

Payment\_Method = 3: 1 (4.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 3 &&

Tech\_Support = 1 &&

Online\_Backup = 3 &&

Dependents = 2 &&

Device\_Protection = 3 &&

Tenure > 37: 2 (4.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 3 &&

Dependents = 2 &&

Streaming\_TV = 3 &&

Device\_Protection = 1 &&

Streaming\_Movies = 1: 1 (4.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 3 &&

Payment\_Method = 3 &&

Tech\_Support = 1 &&

Dependents = 2 &&

Device\_Protection = 3: 1 (5.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Internet\_Service = 1 &&

Senior\_Citizen = 1 &&

Paperless\_Billing = 1: 1 (11.0/3.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Paperless\_Billing = 1 &&

TotalCharges > 286.8 &&

Streaming\_TV = 1: 1 (11.0/4.0)

if Contract = 1 &&

Paperless\_Billing = 1 &&

Payment\_Method = 3 &&

Multiple\_Lines = 1 &&

MonthlyCharges <= 90.25 &&

Streaming\_Movies = 1 &&

Tenure <= 4: 2 (7.0/1.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Paperless\_Billing = 1 &&

Streaming\_TV = 1: 2 (4.0)

if Contract = 1 &&

Multiple\_Lines = 1 &&

Paperless\_Billing = 1 &&

Streaming\_Movies = 3 &&

MonthlyCharges <= 90.25: 2 (4.0)

if Contract = 1 &&

Paperless\_Billing = 1 &&

Multiple\_Lines = 3 &&

Streaming\_TV = 1: 2 (12.0/5.0)

Paperless\_Billing = 1 &&

Online\_Backup = 1 &&

Internet\_Service = 2: 1 (19.0/2.0)

Paperless\_Billing = 1 &&

Tech\_Support = 1 &&

Dependents = 1: 1 (9.0/3.0)

Paperless\_Billing = 1: 2 (12.0/2.0)

Online\_Security = 3 &&

Multiple\_Lines = 3 &&

Tech\_Support = 3: 1 (10.0/2.0)

Senior\_Citizen = 2 &&

Dependents = 1 &&

Payment\_Method = 2 &&

Partner = 1: 1 (3.0/1.0)

if Contract = 2 &&

Payment\_Method = 3 &&

Senior\_Citizen = 1 &&

Online\_Security = 3 &&

Streaming\_Movies = 1: 2 (3.0)

Online\_Security = 3 &&

Internet\_Service = 1: 1 (5.0/1.0)

if Contract = 2 &&

Internet\_Service = 1: 2 (6.0/1.0)

Multiple\_Lines = 3 &&

Online\_Backup = 1 &&

Dependents = 2: 2 (8.0/1.0)

Multiple\_Lines = 3 &&

Dependents = 2: 1 (19.0/7.0)

Multiple\_Lines = 3 &&

Tech\_Support = 3 &&

Partner = 2: 2 (6.0/1.0)

Multiple\_Lines = 3 &&

Online\_Backup = 3 &&

Streaming\_TV = 1 &&

Device\_Protection = 1 &&

Tenure > 5 &&

Partner = 1 &&

TotalCharges > 2524.45: 2 (3.0/1.0)

Multiple\_Lines = 3 &&

Online\_Backup = 3 &&

Streaming\_TV = 1 &&

Tenure > 5: 1 (8.0)

Multiple\_Lines = 3 &&

Tech\_Support = 3 &&

MonthlyCharges <= 104.95: 2 (4.0/1.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 2 &&

MonthlyCharges <= 108.05: 2 (7.0/1.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 1 &&

Streaming\_Movies = 3 &&

Tenure > 45: 2 (3.0/1.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 1 &&

Device\_Protection = 1 &&

Tenure > 14: 1 (4.0/1.0)

if Contract = 2 &&

Streaming\_Movies = 1: 1 (6.0/1.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Online\_Security = 1 &&

Senior\_Citizen = 1 &&

if Contract = 1 &&

Online\_Backup = 3: 2 (24.0/9.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Online\_Security = 1 &&

Online\_Backup = 3 &&

Senior\_Citizen = 2 &&

Partner = 1 &&

MonthlyCharges <= 105.3: 1 (6.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Online\_Security = 1 &&

Device\_Protection = 3 &&

Streaming\_TV = 1 &&

Streaming\_Movies = 1 &&

MonthlyCharges > 80.55: 1 (4.0/1.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Online\_Security = 1 &&

Device\_Protection = 3 &&

Streaming\_TV = 1: 2 (5.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Online\_Security = 1 &&

Streaming\_TV = 3 &&

Partner = 1 &&

Online\_Backup = 1 &&

Streaming\_Movies = 1 &&

Device\_Protection = 1 &&

MonthlyCharges > 84.4: 2 (15.0/3.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Payment\_Method = 3 &&

Online\_Security = 3: 2 (4.0/1.0)

Online\_Security = 3 &&

Dependents = 1 &&

Multiple\_Lines = 1: 2 (4.0/1.0)

Online\_Security = 1 &&

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

Online\_Backup = 1 &&

Payment\_Method = 3 &&

Partner = 1 &&

Device\_Protection = 1 &&

Streaming\_TV = 3 &&

MonthlyCharges <= 96.25: 1 (6.0)

Online\_Security = 3: 1 (5.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

if Contract = 2 &&

Payment\_Method = 3 &&

Senior\_Citizen = 1: 2 (4.0/1.0)

Multiple\_Lines = 3 &&

Tech\_Support = 1 &&

if Contract = 2 &&

Tenure <= 61: 1 (4.0)

Multiple\_Lines = 1 &&

Tech\_Support = 3 &&

Payment\_Method = 2: 1 (5.0/1.0)

Multiple\_Lines = 1 &&

if Contract = 2 &&

Dependents = 2: 2 (4.0/1.0)

Multiple\_Lines = 1 &&

Online\_Backup = 3 &&

Senior\_Citizen = 2 &&

Partner = 1 &&

Tenure > 9: 2 (3.0)

Multiple\_Lines = 1 &&

Senior\_Citizen = 2 &&

Online\_Backup = 3: 1 (5.0)

Multiple\_Lines = 1 &&

Online\_Backup = 3 &&

if Contract = 1 &&

Streaming\_TV = 3 &&

Payment\_Method = 3 &&

Tenure <= 25 &&

Tech\_Support = 1: 2 (8.0/1.0)

Multiple\_Lines = 1 &&

if Contract = 2 &&

TotalCharges <= 3574.5: 1 (6.0/2.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Internet\_Service = 1 &&

Senior\_Citizen = 1 &&

Streaming\_Movies = 3: 2 (4.0/1.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Streaming\_Movies = 3 &&

Device\_Protection = 3 &&

Payment\_Method = 3 &&

Partner = 1 &&

Online\_Backup = 3: 1 (5.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Online\_Backup = 3 &&

Device\_Protection = 3 &&

Tenure <= 22: 2 (7.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Online\_Backup = 3 &&

Tech\_Support = 3 &&

Tenure <= 8: 2 (3.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Online\_Backup = 3 &&

Payment\_Method = 3 &&

Streaming\_TV = 1 &&

Device\_Protection = 1 &&

Partner = 1 &&

Tenure > 5: 2 (8.0/2.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Online\_Backup = 3 &&

Dependents = 1 &&

Internet\_Service = 2: 1 (10.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Streaming\_Movies = 3 &&

Dependents = 2 &&

Payment\_Method = 3 &&

Device\_Protection = 1 &&

Online\_Backup = 1 &&

MonthlyCharges <= 90.15: 1 (6.0/1.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Tech\_Support = 3 &&

Payment\_Method = 3 &&

Partner = 1 &&

Internet\_Service = 2 &&

Device\_Protection = 1 &&

MonthlyCharges <= 95.9: 1 (4.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Tech\_Support = 3 &&

Partner = 1 &&

Payment\_Method = 3 &&

Internet\_Service = 2 &&

Device\_Protection = 3 &&

Streaming\_TV = 1 &&

MonthlyCharges > 88.35: 1 (4.0/1.0)

Multiple\_Lines = 1 &&

if Contract = 1 &&

Tech\_Support = 3 &&

Partner = 1 &&

Tenure > 1: 2 (10.0/1.0)

Tech\_Support = 3: 1 (7.0)

if Contract = 2: 2 (6.0/1.0)

Multiple\_Lines = 3 &&

Payment\_Method = 3 &&

Online\_Backup = 3 &&

Partner = 2 &&

Tenure <= 67: 1 (4.0/1.0)

Multiple\_Lines = 3 &&

Online\_Backup = 1 &&

Payment\_Method = 3 &&

Senior\_Citizen = 2 &&

Tenure <= 38: 2 (8.0/2.0)

Online\_Backup = 3 &&

Senior\_Citizen = 1 &&

Device\_Protection = 1 &&

Payment\_Method = 3: 1 (4.0/1.0)

Online\_Backup = 3 &&

Internet\_Service = 2: 2 (7.0)

Multiple\_Lines = 3 &&

Payment\_Method = 3 &&

Senior\_Citizen = 1 &&

Streaming\_Movies = 1 &&

Tenure <= 7 &&

Tenure > 2 &&

Partner = 1 &&

Device\_Protection = 1 &&

MonthlyCharges <= 75.1: 2 (4.0)

Multiple\_Lines = 3 &&

Payment\_Method = 3 &&

Senior\_Citizen = 1 &&

Streaming\_Movies = 1 &&

Device\_Protection = 1 &&

Streaming\_TV = 1 &&

Partner = 1: 1 (18.0/5.0)

Multiple\_Lines = 1 &&

Online\_Backup = 3 &&

MonthlyCharges <= 50: 2 (3.0/1.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Device\_Protection = 3 &&

Streaming\_TV = 3: 1 (8.0/2.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Dependents = 2: 2 (20.0/8.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Partner = 2 &&

Streaming\_TV = 3 &&

Tenure <= 14: 2 (3.0/1.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Partner = 2 &&

Streaming\_TV = 1 &&

Payment\_Method = 1 &&

MonthlyCharges > 69.8: 2 (4.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Device\_Protection = 3 &&

Partner = 1 &&

Tenure <= 11: 1 (4.0/1.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 4 &&

Streaming\_TV = 1: 1 (3.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 1 &&

Partner = 1 &&

Streaming\_Movies = 1 &&

Internet\_Service = 2: 1 (6.0/2.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 3 &&

Streaming\_TV = 3 &&

Senior\_Citizen = 1: 1 (5.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 3 &&

Internet\_Service = 1: 2 (18.0/7.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 3 &&

Partner = 2 &&

Device\_Protection = 1 &&

Streaming\_Movies = 1 &&

Senior\_Citizen = 1: 2 (9.0/2.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Internet\_Service = 1 &&

Payment\_Method = 2: 2 (4.0/1.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Partner = 2 &&

Tenure <= 45 &&

Senior\_Citizen = 1: 1 (7.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Payment\_Method = 1: 2 (12.0/5.0)

Online\_Backup = 1 &&

Payment\_Method = 3 &&

Multiple\_Lines = 3 &&

Senior\_Citizen = 1 &&

Streaming\_TV = 1 &&

Tenure <= 13: 2 (4.0)

Online\_Backup = 1 &&

Payment\_Method = 3 &&

Multiple\_Lines = 3 &&

Senior\_Citizen = 1 &&

Partner = 2: 1 (21.0/8.0)

Online\_Backup = 1 &&

Payment\_Method = 3 &&

Multiple\_Lines = 3 &&

Senior\_Citizen = 1 &&

Device\_Protection = 3 &&

Streaming\_Movies = 1 &&

Tenure > 9: 1 (3.0/1.0)

Online\_Backup = 1 &&

Multiple\_Lines = 3 &&

Senior\_Citizen = 1 &&

Device\_Protection = 1: 2 (4.0)

Online\_Backup = 1 &&

Multiple\_Lines = 3 &&

Senior\_Citizen = 1 &&

Streaming\_Movies = 3: 1 (3.0/1.0)

Online\_Backup = 1 &&

Multiple\_Lines = 3 &&

Senior\_Citizen = 2: 1 (3.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Internet\_Service = 2 &&

Streaming\_Movies = 3 &&

Streaming\_TV = 1 &&

Device\_Protection = 1 &&

Senior\_Citizen = 1 &&

TotalCharges <= 1010: 2 (6.0/1.0)

Multiple\_Lines = 1 &&

Online\_Backup = 1 &&

Internet\_Service = 2 &&

Senior\_Citizen = 1 &&

Device\_Protection = 1 &&

Streaming\_Movies = 1 &&

Payment\_Method = 3: 1 (24.0/9.0)

Online\_Backup = 1 &&

Multiple\_Lines = 1 &&

Internet\_Service = 2 &&

Streaming\_Movies = 1 &&

Payment\_Method = 3: 2 (11.0/4.0)

Multiple\_Lines = 1 &&

Online\_Backup = 1 &&

Internet\_Service = 2 &&

Partner = 2 &&

MonthlyCharges <= 85.65: 2 (3.0)

Multiple\_Lines = 1 &&

Partner = 1 &&

Online\_Backup = 1 &&

Internet\_Service = 2 &&

Senior\_Citizen = 1 &&

Streaming\_Movies = 1 &&

MonthlyCharges > 69.65: 2 (6.0/2.0)

Streaming\_TV = 1: 1 (9.0)

Senior\_Citizen = 1: 2 (4.0)

Tenure > 5 &&

MonthlyCharges <= 90.45: 1 (3.0)

MonthlyCharges <= 91.45: 2 (4.0)

: 1 (2.0)

Number of Rules : 465