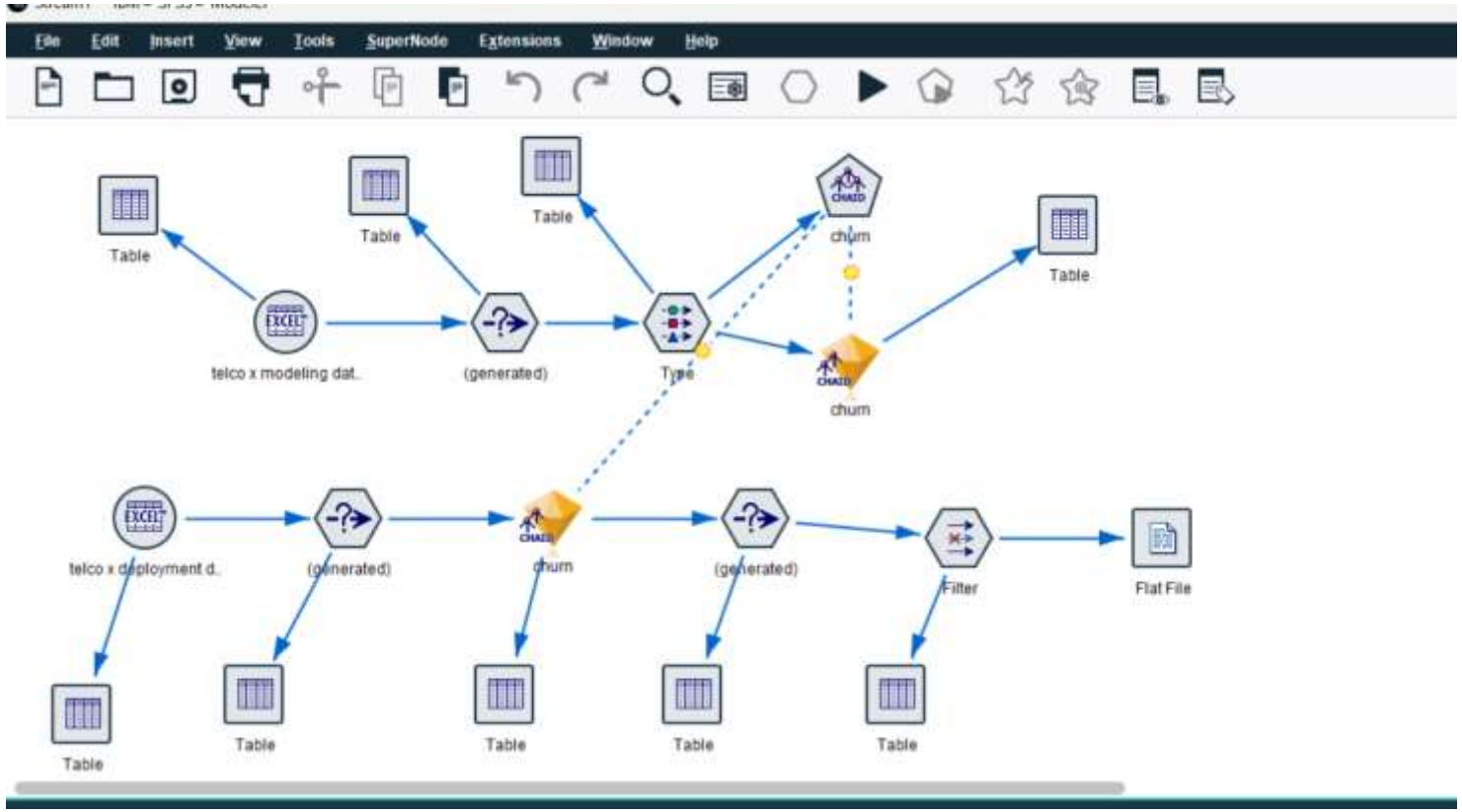
BABU BANARASI DAS UNIVERSITY

NAME : SHRASHTI KATIYAR
ROLL NO. : 1230258412
SUBMIT TO : MR. VIKASH SIR

ASSIGNMENT- PREDICTIVE ANALYTICS

- CREATING A DATA MINING PROJECT OF TELECOMMUNICATION DATASET FOR PREDICTING CHAID CHURN USING IBM SPSS MODELER.

STEP 1:


File
Edit
Insert
View
Tools
SuperNode
Extensions
Window
Help
Table
Table
Table
churn
Table
telco x modeling dat..
(generated)
Type
churn
telco x deployment d..
(generated)
churn
(generated)
Filter
Flat File
Table
Table
Table
Table
Table

STEP 2:

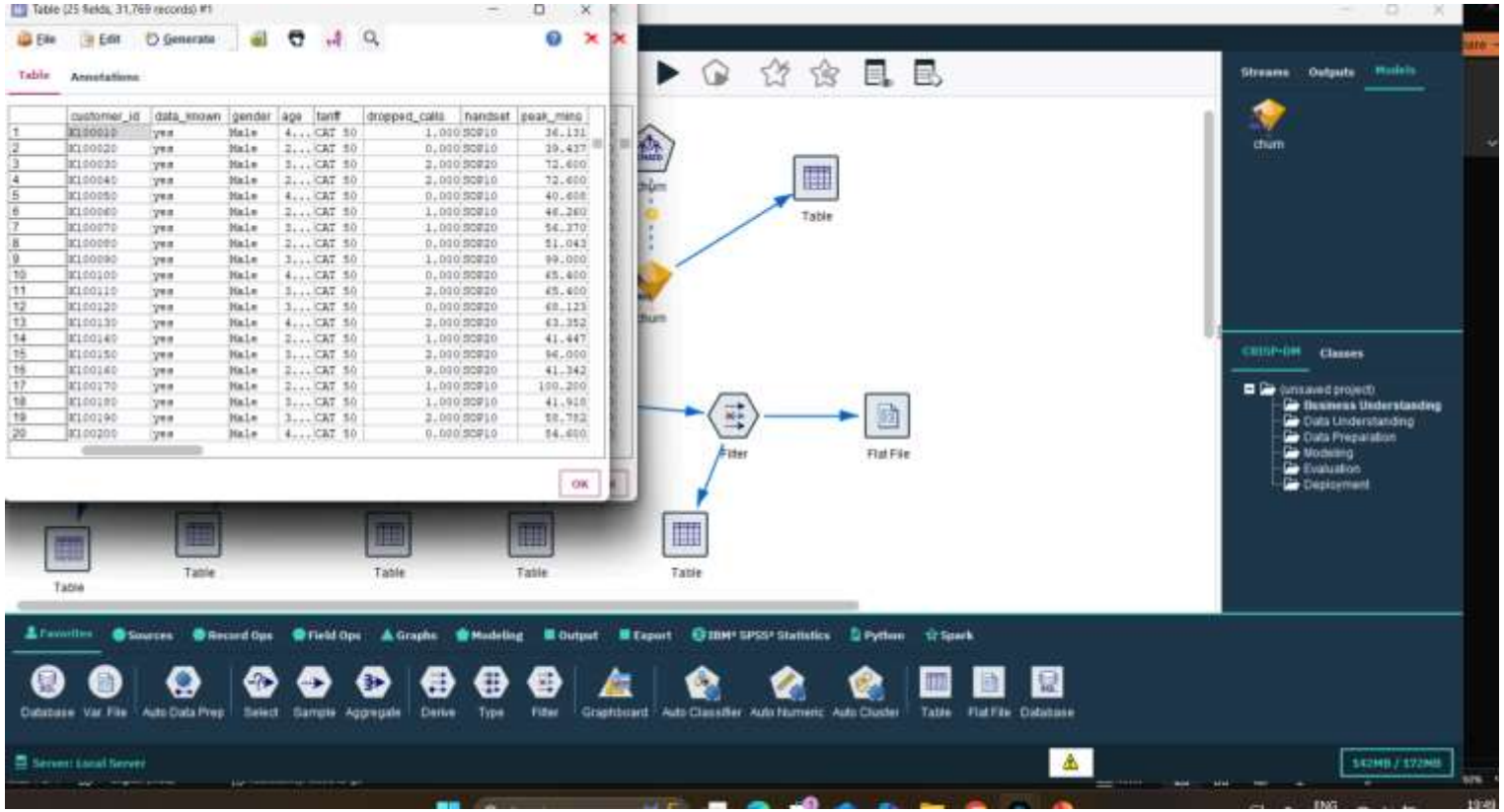


Table (25 fields, 31,769 records) #1
File
Edit
Generate
Table
Annotations
customer_id
data_known
gender
age
tariff
dropped_calls
handset
peak_mins
OK
Table
Table
Table
Table
Table
Filter
Flat File
churn
Streams
Outputs
Models
CRISP-DM
Classes
(unsaved project)
Business Understanding
Data Understanding
Data Preparation
Modeling
Evaluation
Deployment
Favorites
Sources
Record Ops
Field Ops
Graphs
Modeling
Output
Export
IBM® SPSS® Statistics
Python
Spark
Database
Var. File
Auto Data Prep
Select
Sample
Aggregate
Derive
Type
Filter
Graphboard
Auto Classifier
Auto Numeric
Auto Cluster
Table
Flat File
Database
Server: Local Server

STEP 3:

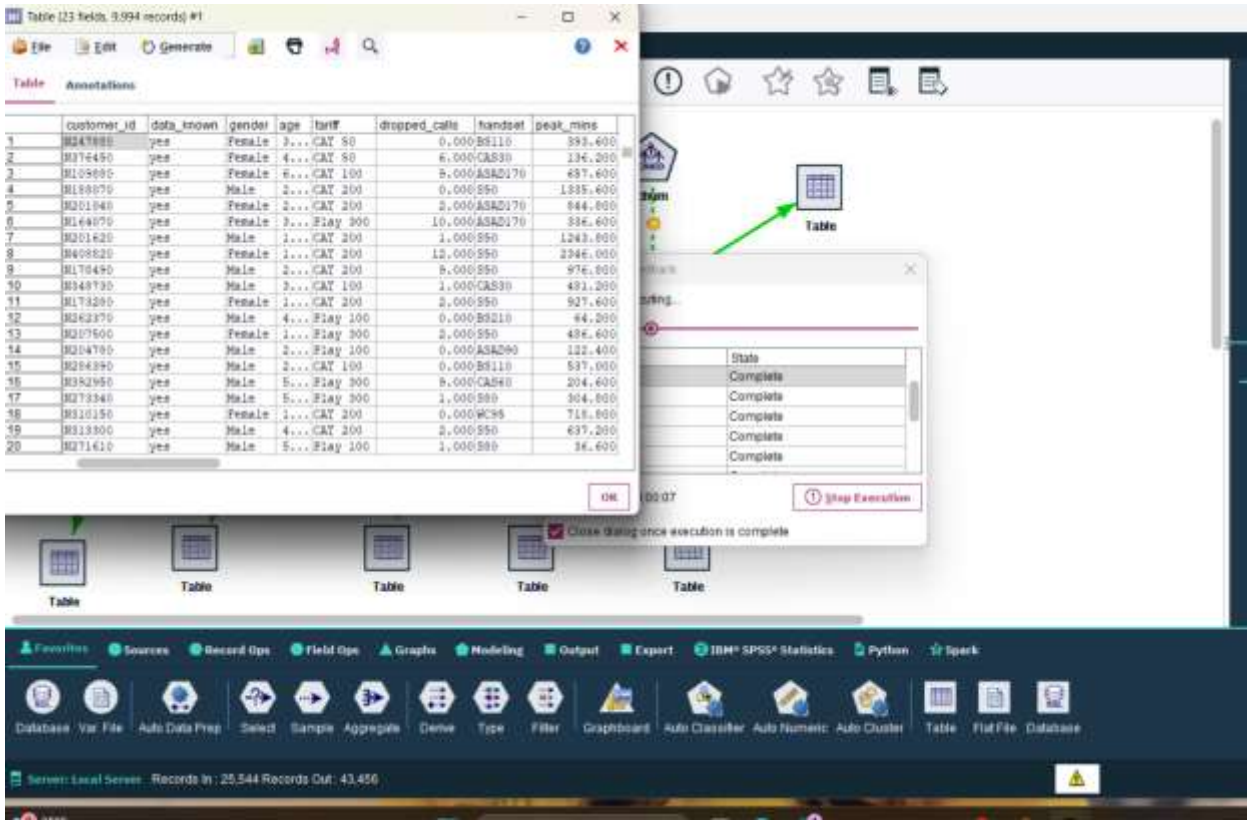


Table
Table
Table
Table
Table
Table
Database
Var. File
Auto Data Prep
Select
Sample
Aggregate
Derive
Type
Filter
Graphboard
Auto Classifier
Auto Numeric
Auto Cluster
Table
Flat File
Database

STEP 4:

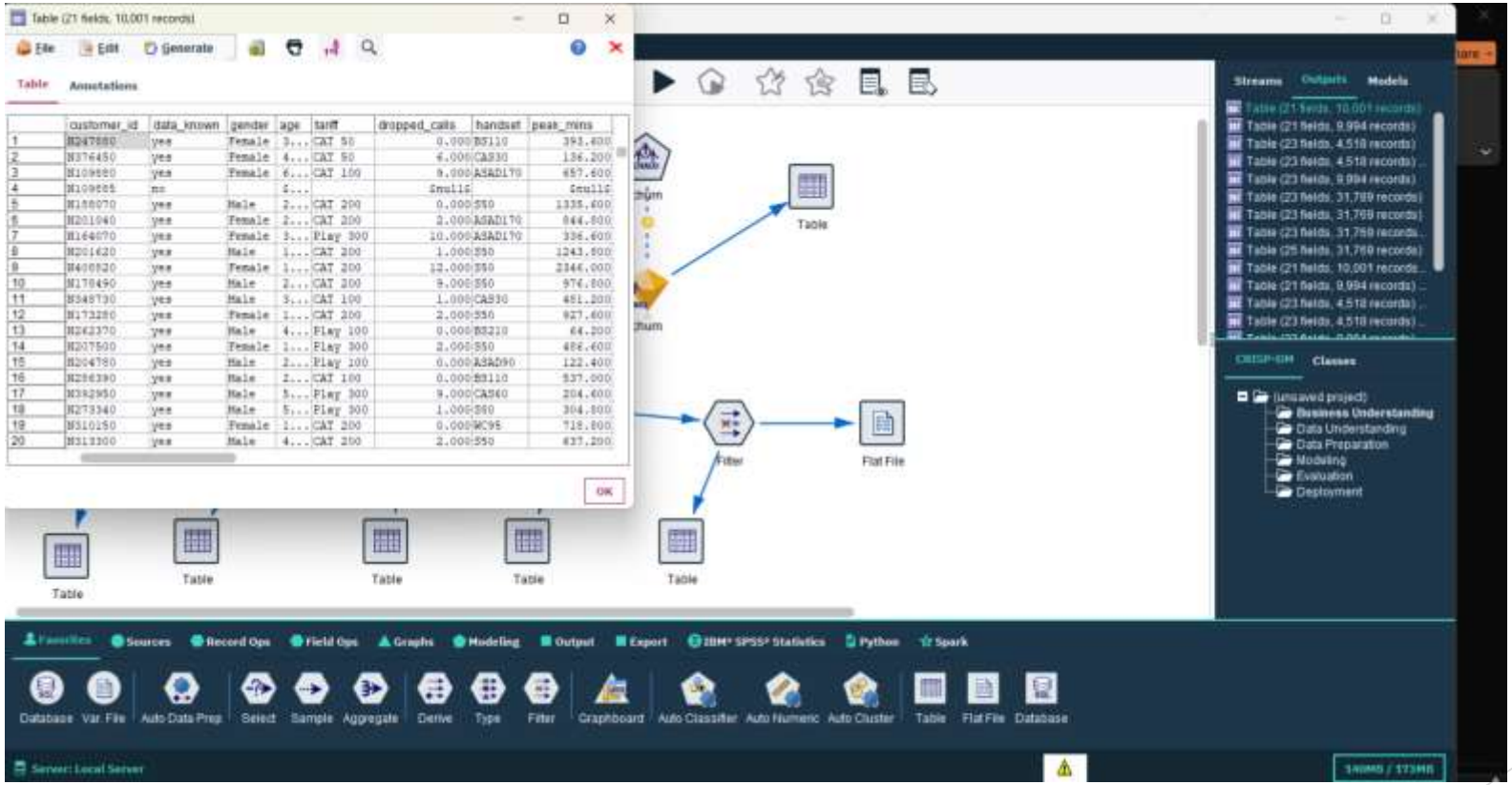
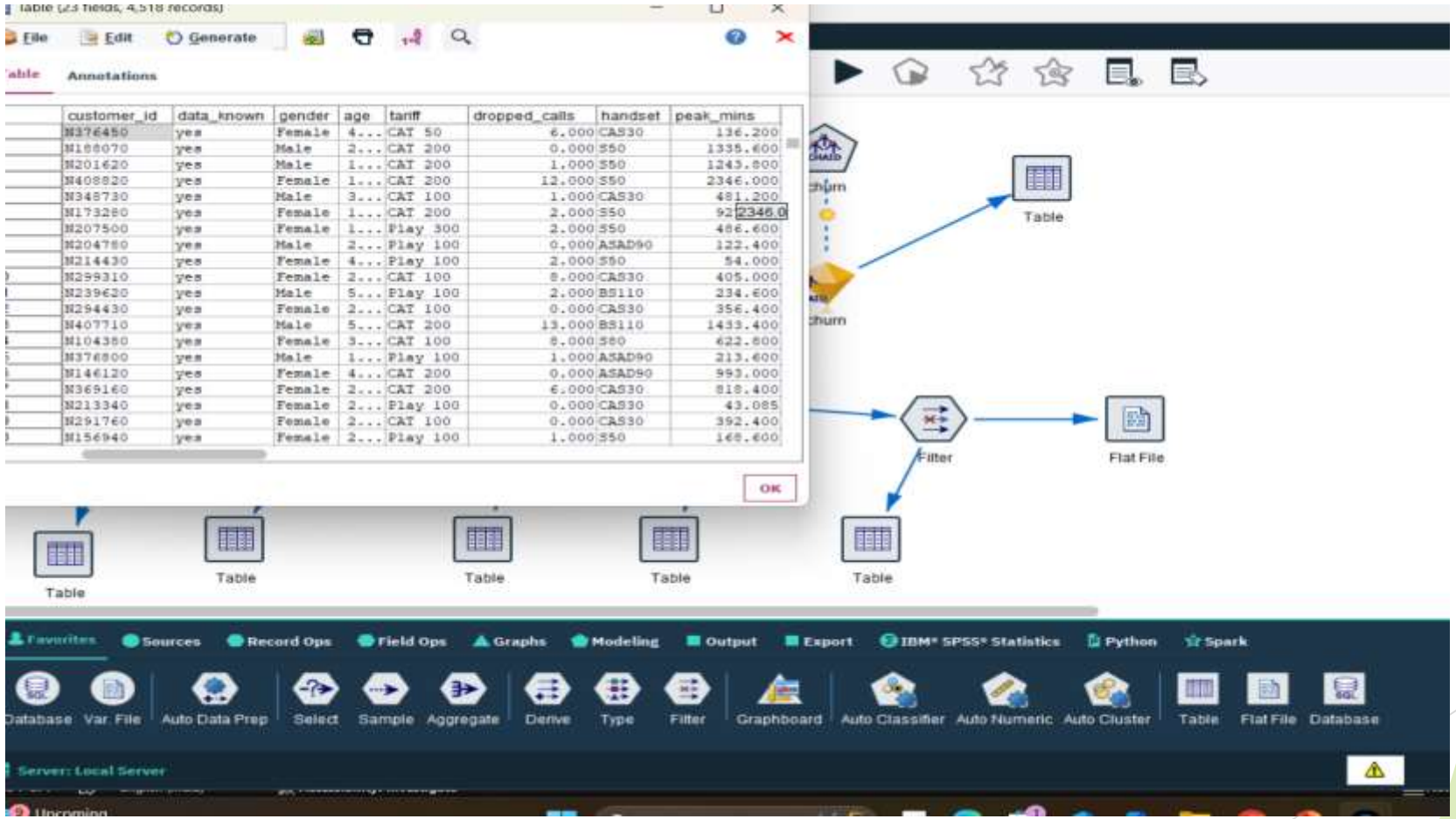


Table (21 fields, 10,001 records)
File
Edit
Generate
Table
Annotations
customer_id
data_known
gender
age
tariff
dropped_calls
handset
peak_mins
OK
Table
Table
Table
Table
Table
Filter
Flat File
Streams
Outputs
Models
CRISP-DM
Classes
(unsaved project)
Business Understanding
Data Understanding
Data Preparation
Modeling
Evaluation
Deployment
Favorites
Sources
Record Ops
Field Ops
Graphs
Modeling
Output
Export
IBM SPSS Statistics
Python
Spark
Database
Var. File
Auto Data Prep
Select
Sample
Aggregate
Derive
Type
Filter
Graphboard
Auto Classifier
Auto Numeric
Auto Cluster
Table
Flat File
Database
Server: Local Server

STEP 5:


File
Edit
Generate
Annotations
customer_id
data_known
gender
age
tariff
dropped_calls
handset
peak_mins
OK
Table
Filter
Flat File
Favorites
Sources
Record Ops
Field Ops
Graphs
Modeling
Output
Export
IBM® SPSS® Statistics
Python
Spark
Database
Var. File
Auto Data Prep
Select
Sample
Aggregate
Derive
Type
Filter
Graphboard
Auto Classifier
Auto Numeric
Auto Cluster
Table
Flat File
Database
Server: Local Server

STEP 6:

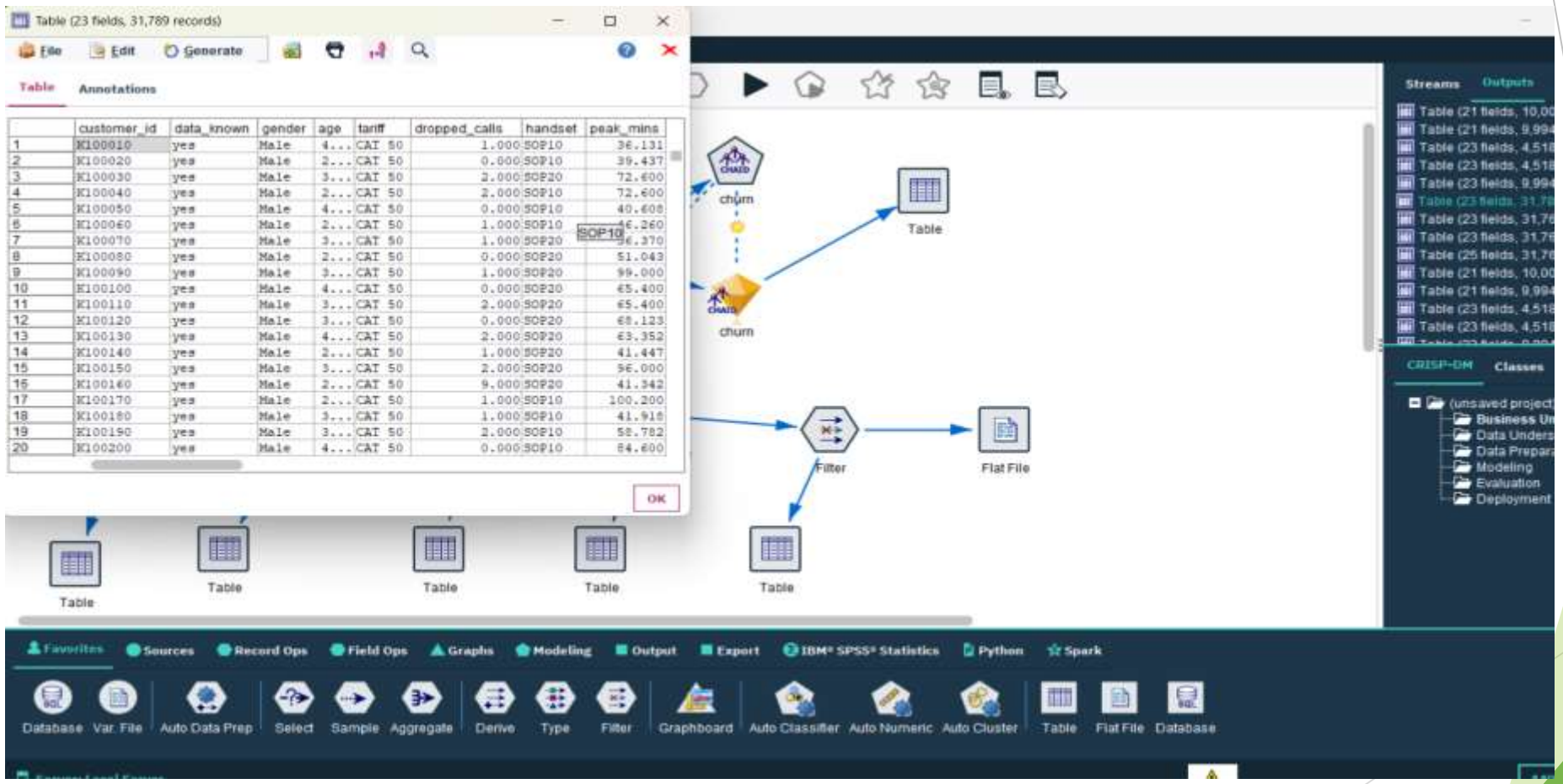


Table (23 fields, 31,789 records)
File
Edit
Generate
Table
Annotations
customer_id data_known gender age tariff dropped_calls handset peak_mins
1 K100010 yes Male 4... CAT 50 1.000 SOP10 36.131
2 K100020 yes Male 2... CAT 50 0.000 SOP10 39.437
3 K100030 yes Male 3... CAT 50 2.000 SOP20 72.600
4 K100040 yes Male 2... CAT 50 2.000 SOP10 72.600
5 K100050 yes Male 4... CAT 50 0.000 SOP10 40.608
6 K100060 yes Male 2... CAT 50 1.000 SOP10 46.260
7 K100070 yes Male 3... CAT 50 1.000 SOP20 56.370
8 K100080 yes Male 2... CAT 50 0.000 SOP20 51.043
9 K100090 yes Male 3... CAT 50 1.000 SOP20 99.000
10 K100100 yes Male 4... CAT 50 0.000 SOP20 65.400
11 K100110 yes Male 3... CAT 50 2.000 SOP20 65.400
12 K100120 yes Male 3... CAT 50 0.000 SOP20 68.123
13 K100130 yes Male 4... CAT 50 2.000 SOP20 63.352
14 K100140 yes Male 2... CAT 50 1.000 SOP20 41.447
15 K100150 yes Male 3... CAT 50 2.000 SOP20 96.000
16 K100160 yes Male 2... CAT 50 9.000 SOP20 41.342
17 K100170 yes Male 2... CAT 50 1.000 SOP10 100.200
18 K100180 yes Male 3... CAT 50 1.000 SOP10 41.918
19 K100190 yes Male 3... CAT 50 2.000 SOP10 58.782
20 K100200 yes Male 4... CAT 50 0.000 SOP10 84.600
OK
SOP10
churn
Table
Filter
Flat File
Streams
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Sources
Record Ops
Field Ops
Graphs
Modeling
Output
Export
IBM® SPSS® Statistics
Python
Spark
Database
Var. File
Auto Data Prep
Select
Sample
Aggregate
Derive
Type
Filter
Graphboard
Auto Classifier
Auto Numeric
Auto Cluster
Table
Flat File
Database