

PRACTICAL-C.A-3

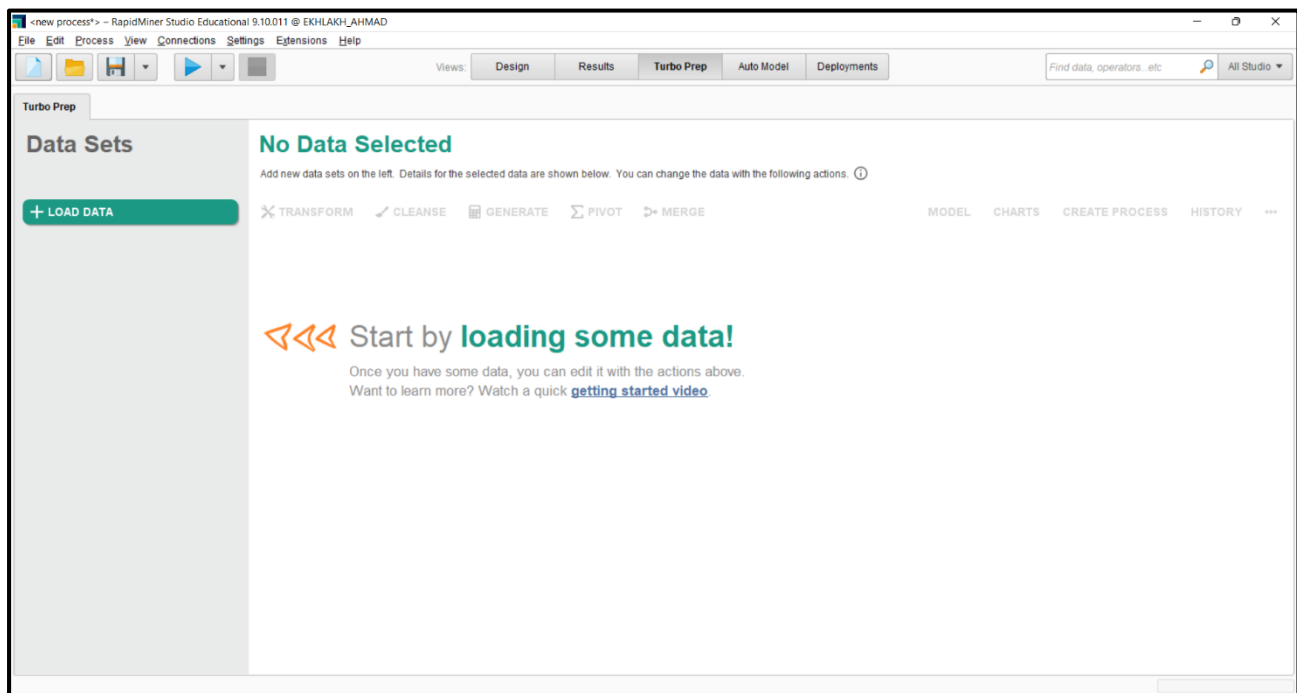
ST_NAME: - EKHLAKH AHMAD
REG NO.: - 12209166
ROLL NO.: - RD2215B67
SECTION: - D2215
GROUP: - B

Q. import data and perform some task and operation

- 1. Rename**
- 2. Replace**
- 3. Sort**
- 4. Adding Column**
- 5. Filter**

Process: -

- ☞ Open Rapid Miner software.
- ☞ Click on Turbo Prep.
- ☞ Load data.



- ☞ Import data.

▶ Training Resources (connected)
 ▶ Samples
 ▶ Community Samples (connected)
 ▼ Local Repository (Local)
 ▶ Connections
 ▶ data
 ▶ DATA1
 ▶ PROCESS1
 ▶ processes
 CA-II (11/16/22 6:50 PM – 4 kB)
 COMPANY RECORD (9/21/22 10:36 AM – 5 kB)
 country_wise_latest 2 (11/2/22 9:20 AM – 32 kB)
 D (11/9/22 9:36 AM – 3 kB)
 gender_classification_v7 (11/23/22 9:28 AM – 282 kB)
 lab (11/22/22 10:00 AM – 6 kB)
 linear regression (11/23/22 10:00 AM – 6 kB)
 Marksheet (11/2/22 9:30 AM – 6 kB)
 ▶ Temporary Repository (Local)
 ▶ DB (Legacy)

Click on a data set in any of your repositories to see more information on the right. Double click to load it - or press the Load Data button.

click on Transform.

gender_classification_v7

Add new data sets on the left. Details for the selected data are shown below. You can change the data with the following actions. ⓘ

✕ TRANSFORM ✏ CLEANSE 📊 GENERATE ∑ PIVOT 🔗 MERGE

1. Rename

Long_hair to Hair Style

RENAME

Hair Style

✓ APPLY

CHANGE TYPE

REMOVE

COPY

FILTER

RANGE

SAMPLE

SORT

long_hair
Number
1
0
0
0
1
1
1
0
1
1
0
1
-

2. Replace.

REPLACE

Male

×

Purush

×

☐ Use regular expressions

✓

APPLY

gender
Category
Purush
Female
Purush
Purush
Female
Purush
Purush
Female
Female
Female
Purush
Purush

3. Sort.

SORT

Ascending

✓ APPLY

[illegible]

4. Adding Column.

 COMMIT GENERATE

CLEAR ALL

CANCEL

Name:

Hair

X

Formula:

[long_hair]

UPDATE PREVIEW

Preview:

forehead_hei...	nose_wide	nose_long	lips_thin	distance_nos...
Number	Number	Number	Number	Number
6	0	0	0	0
5.400	0	0	0	0
6.100	0	0	0	0
5.900	0	1	1	0

Used Column

Generated Column

5,001 rows - 9 columns (1 nominal, 8 numerical)

5. Filter

FILTER

≡

15

✓

 APPLY

new process* - RapidMiner Studio Educational 9.10.011 @ EKHLAKH-LAHMAD

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Deployments

Find data, operators, etc. All Studio

Turbo Prep

Data Sets

+ LOAD DATA

gender_classification_v7

Repository/gender_classification_v7

Rows: 390

Columns: 9

Last Change: forehead_width_cm ≥ 15

gender_classification_v7

Add new data sets on the left. Details for the selected data are shown below. You can change the data with the following actions.

TRANSFORM CLEANSE GENERATE PIVOT MERGE

MODEL CHARTS CREATE PROCESS HISTORY

Hair	long_hair	forehead_width_cm	forehead_height_cm	nose_wide	nose_long	lips_thin	distance_nose_to_li...	gender
Number	Number	Number	Number	Number	Number	Number	Number	Category
1	1	15	6.800	1	0	0	0	Purush
1	1	15	6.200	1	0	0	1	Purush
1	1	15	7	1	1	1	1	Purush
1	1	15	6.200	1	1	1	1	Purush
1	1	15	5.500	1	1	0	1	Purush
1	1	15	6.800	1	1	1	1	Purush
0	0	15	6.700	1	1	1	1	Purush
0	0	15	6.300	1	1	1	1	Purush
1	1	15	5.600	1	1	1	1	Purush
1	1	15	6	1	1	1	0	Purush
1	1	15	6.600	1	1	1	0	Purush
1	1	15	7	1	1	1	1	Purush

390 rows - 9 columns (1 nominal, 8 numerical)

History

History of 'gender_classification_v7'

History of 'gender_classification_v7'

- Replace**
Replace 'Male' by 'Purush' in gender
- Sort**
Sort forehead_width_cm (ascending)
- Generate**
Generate Hair = [long_hair]
- Filter**
forehead_width_cm ≥ 15

Roll back before this step Copy data before this step Close