PROJECT RUNNING PROCEDURE

PROCESS



Figure: 1

INITIAL SETUP



Figure: 2

Figure: 3

Figure: 4

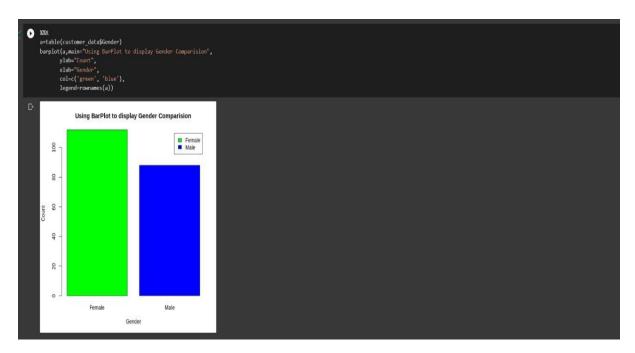


Figure: 5

```
Install.packages('plotris')

D WONING:rpy2.rinterface_lib.callbacks:R[write to console]: Installing package into '/war/local/lib/R/site-library'

(as 'lib' is unspecified)

WONING:rpy2.rinterface_lib.callbacks:R[write to console]: trying URL 'https://cran.estudio.com/sec/contrib/plotris_b.8.2.tar.gz'

WONING:rpy2.rinterface_lib.callbacks:R[write to console]: longth 318217 bytes (310 KB)

WONING:rpy2.rinterface_lib.callbacks:R[write to console]: awaning:rpy2.rinterface_lib.callbacks:R[write to console]: awa
```

Figure: 6

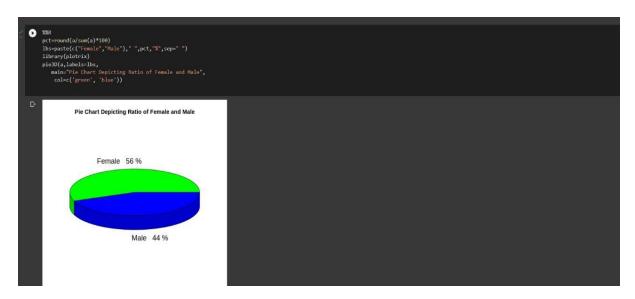


Figure: 7

VISUALIZATION

Figure: 8



Figure: 9

ANALYSIS

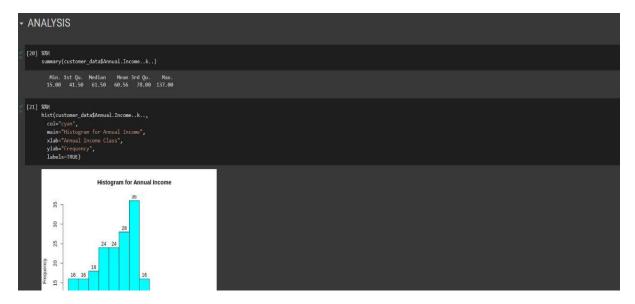


Figure: 10

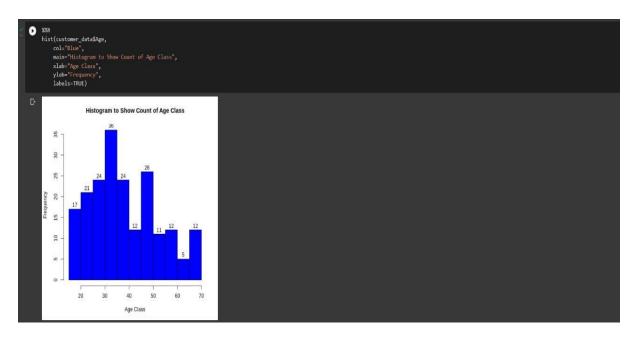


Figure: 11



Figure: 12

Figure: 13

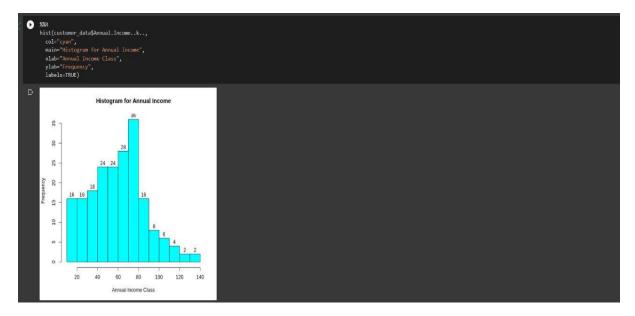


Figure: 14

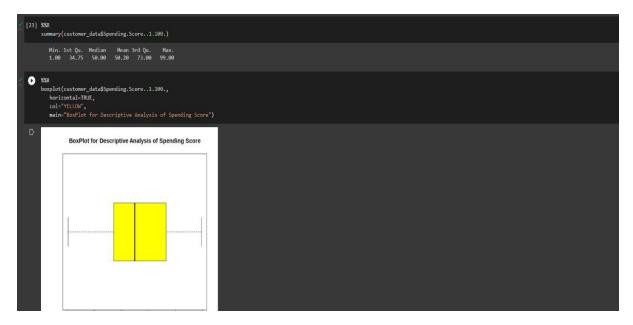


Figure: 15

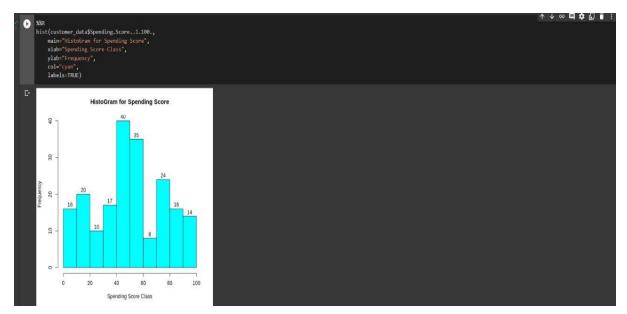


Figure: 16

```
install.packages(*purr*)

MANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

MANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

MANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

MANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

WANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

WANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

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MANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

MANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

MANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

MANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

WANING:rpy2.rinterface_lib.callbacks:R[write to console]: =

WANING:
```

Figure: 17

ELBOW METHOD

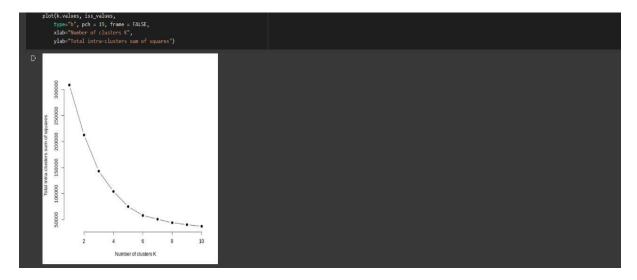


Figure: 18

SILHOUETTE GRAPHS

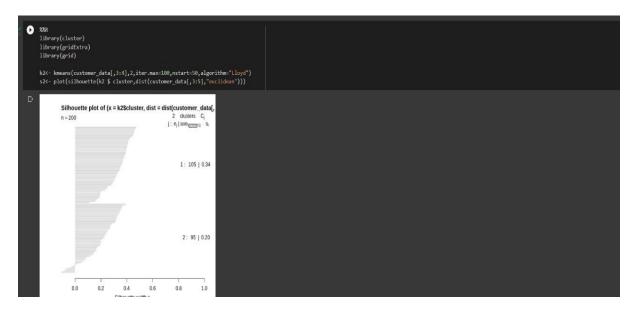


Figure: 19



Figure: 20

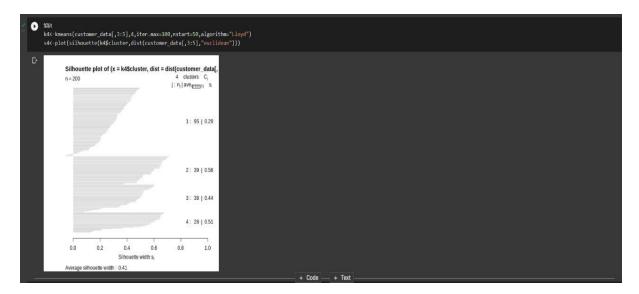


Figure: 21

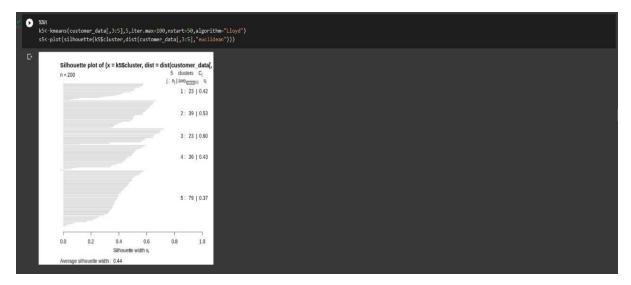


Figure: 22



Figure: 23



Figure: 24

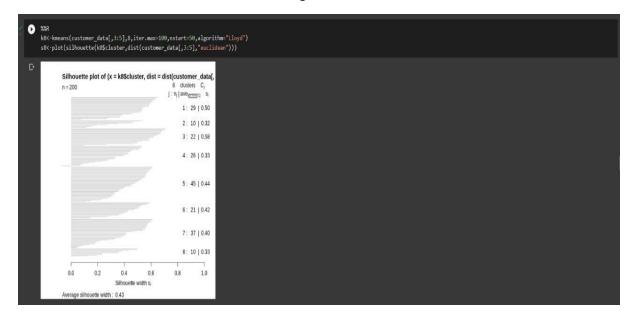


Figure: 25

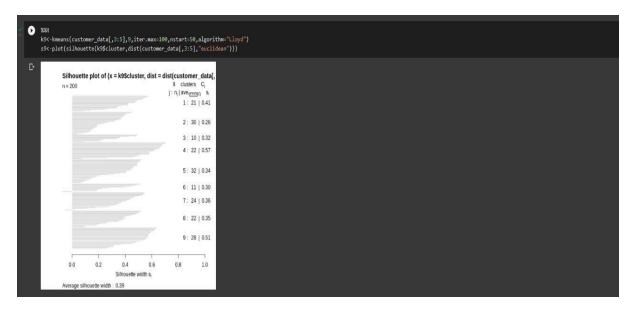


Figure: 26

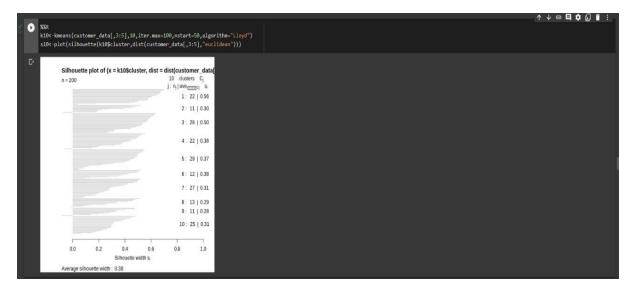


Figure: 27

Figure: 28

```
install.packages("factcontra")

MANNING:rpy2.rinterface_lib.callbacks:R[write to console]: length 1386480 bytes (1.3 MB)

MANNING:rpy2.rinterface_lib.callbacks:R[write to console]: a
MANNING:rpy2.rinterface_lib.callb
```

Figure: 29

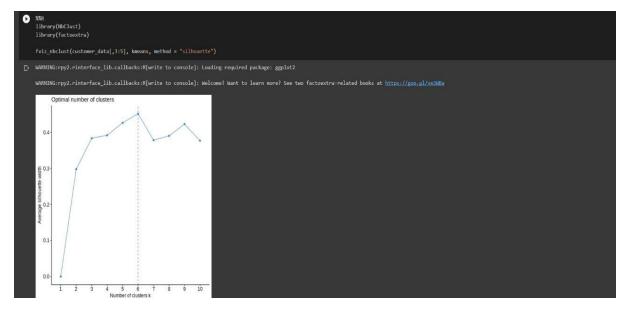


Figure: 30

GAP STATISTIC

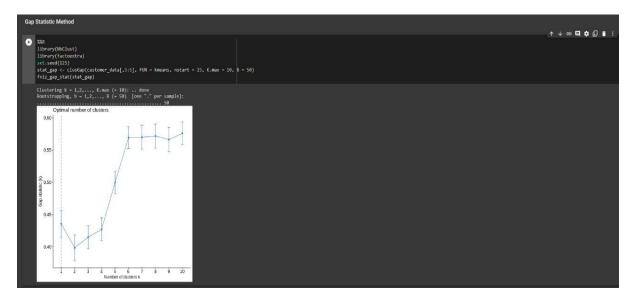


Figure: 31

Figure: 32

```
### Comparison of Control of Comparison of
```

Figure: 33

SCATTER PLOT

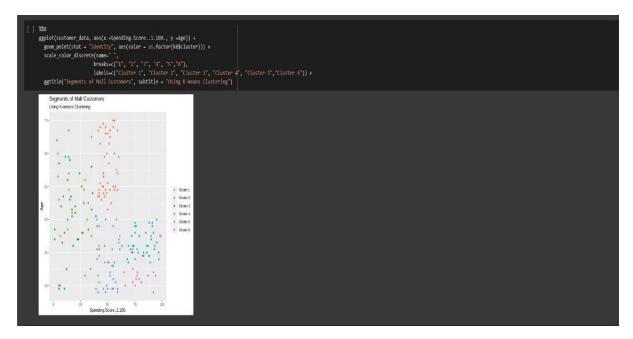


Figure: 34

Figure: 35

RESULT



Figure: 36