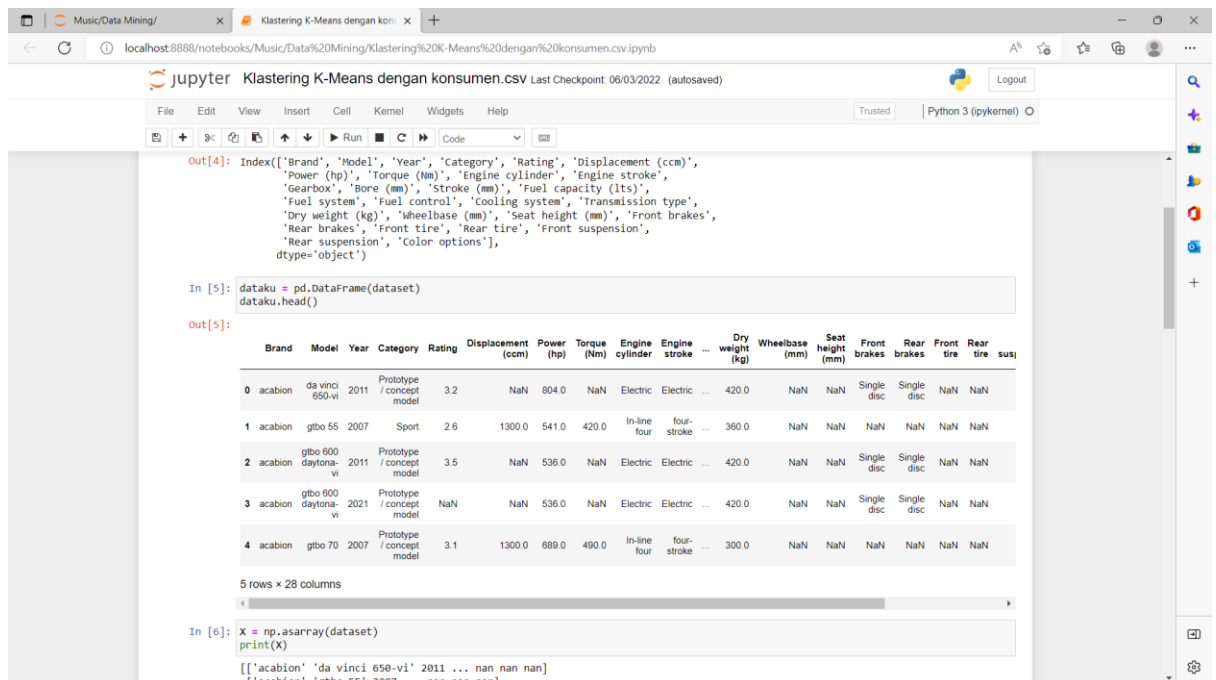


Nama : Muhammad Irfan Dziki

Nim : A11.2019.12135

Progress Capaian Tugas Akhir Makul DM

1. Judul : klasifikasi data harga motor di Indonesia
2. Deskripsikan Jurnal
Jumlah paper : 8
Tahapan penelitian : metode clustering (k-means)
Kesimpulan : hasil analisis performansi k-means dari 15 pengujian dari setiap uji coba yang dilakukan, diperoleh nilai rata-rata presicion sebesar 76%, nilai recall sebesar 76% dan accuracy sebesar 81%
3. Progress capaian dataset
Dataset : public
Didapatkan : sudah
Format dataset : csv
Jumlah dataset : 1
Atribut dataset : 22
4. Progress capaian proses eksperimen



```
Out[4]: Index(['Brand', 'Model', 'Year', 'Category', 'Rating', 'Displacement (ccm)', 'Power (hp)', 'Torque (Nm)', 'Engine cylinder', 'Engine stroke', 'Gearbox', 'Bore (mm)', 'Stroke (mm)', 'Fuel capacity (lts)', 'Fuel system', 'Fuel control', 'Cooling system', 'Transmission type', 'Dry weight (kg)', 'Wheelbase (mm)', 'Seat height (mm)', 'Front brakes', 'Rear brakes', 'Front tire', 'Rear tire', 'Rear suspension', 'Color options'], dtype='object')
```

```
In [5]: dataku = pd.DataFrame(dataset)
dataku.head()
```

```
Out[5]:
```

	Brand	Model	Year	Category	Rating	Displacement (ccm)	Power (hp)	Torque (Nm)	Engine cylinder	Engine stroke	Dry weight (kg)	Wheelbase (mm)	Seat height (mm)	Front brakes	Rear brakes	Front tire	Rear tire	susp
0	acabion	da vinci 650-vi	2011	Prototype / concept model	3.2	NaN	804.0	NaN	Electric	Electric	420.0	NaN	NaN	Single disc	Single disc	NaN	NaN	
1	acabion	gtbo 55	2007	Sport	2.6	1300.0	541.0	420.0	In-line four	four-stroke	360.0	NaN	NaN	NaN	NaN	NaN	NaN	
2	acabion	gtbo 600 daytona-vi	2011	Prototype / concept model	3.5	NaN	536.0	NaN	Electric	Electric	420.0	NaN	NaN	Single disc	Single disc	NaN	NaN	
3	acabion	gtbo 600 daytona-vi	2021	Prototype / concept model	NaN	NaN	536.0	NaN	Electric	Electric	420.0	NaN	NaN	Single disc	Single disc	NaN	NaN	
4	acabion	gtbo 70	2007	Prototype / concept model	3.1	1300.0	689.0	490.0	In-line four	four-stroke	300.0	NaN	NaN	NaN	NaN	NaN	NaN	

```
5 rows x 28 columns
```

```
In [6]: x = np.asarray(dataset)
print(x)
```

```
[['acabion' 'da vinci 650-vi' 2011 ... nan nan nan]
 ['acabion' 'gtbo 55' 2007 ... nan nan nan]
```

5. Penutup : ada kendala saat mencari jurnal yang valid atau terindeks sinta