Analisis Data Penelitian Ikan Lele

In [1]:
```
import pandas as pd

df = pd.read_csv("lele.csv")
```

Variables

In [2]:
```
df_day0 = df[df["day"] == "DAY0"]
df_day7 = df[df["day"] == "DAY7"]
df_day14 = df[df["day"] == "DAY14"]
df_day21 = df[df["day"] == "DAY21"]
df_day28 = df[df["day"] == "DAY28"]
```

Analisis Hari Ke-0

Perlakuan A

In [3]:
```
df_day0_a = df_day0[df_day0["treatment"] == "PA"]
df_day0_a.describe()
```

Out[3]:

	width	length	weight
count	20.000000	20.000000	20.000000
mean	2.700000	18.400000	70.500000
std	0.656947	1.846761	25.021044
min	2.000000	16.000000	40.000000
25%	2.000000	17.000000	50.000000
50%	3.000000	18.500000	55.000000
75%	3.000000	19.250000	100.000000
max	4.000000	23.000000	100.000000

Perlakuan B

In [4]:
```
df_day0_b = df_day0[df_day0["treatment"] == "PB"]
df_day0_b.describe()
```

Out[4]:

	width	length	weight
count	20.000000	20.00000	20.000000
mean	2.500000	18.45000	64.500000
std	0.512989	2.48098	24.381831
min	2.000000	16.00000	40.000000
25%	2.000000	16.75000	50.000000
50%	2.500000	18.00000	50.000000
75%	3.000000	19.25000	100.000000
max	3.000000	24.00000	100.000000

Perlakuan C

In [5]:
```
df_day0_c = df_day0[df_day0["treatment"] == "PA"]
df_day0_c.describe()
```

Out[5]:

	width	length	weight
count	20.000000	20.000000	20.000000
mean	2.700000	18.400000	70.500000
std	0.656947	1.846761	25.021044
min	2.000000	16.000000	40.000000
25%	2.000000	17.000000	50.000000
50%	3.000000	18.500000	55.000000
75%	3.000000	19.250000	100.000000
max	4.000000	23.000000	100.000000

Analisis Hari Ke-7

Perlakuan A

In [6]:
```
df_day7_a = df_day7[df_day7["treatment"] == "PA"]
df_day7_a.describe()
```

Out[6]:

	width	length	weight
count	20.000000	20.000000	20.00000
mean	2.725000	18.925000	53.50000
std	0.658447	2.903152	22.77464
min	2.000000	15.000000	20.00000
25%	2.000000	16.875000	40.00000
50%	3.000000	18.250000	50.00000
75%	3.000000	20.125000	60.00000
max	4.000000	26.000000	120.00000

Perlakuan B

In [7]:
```
df_day7_b = df_day7[df_day7["treatment"] == "PB"]
df_day7_b.describe()
```

Out[7]:

	width	length	weight
count	20.000000	20.000000	20.000000
mean	3.025000	20.000000	61.500000
std	0.678136	2.660629	23.004576
min	2.000000	16.500000	30.000000
25%	2.500000	17.875000	50.000000
50%	3.000000	19.750000	50.000000
75%	3.250000	21.500000	75.000000
max	4.000000	25.000000	100.000000

Perlakuan C

In [8]:
```
df_day7_c = df_day7[df_day7["treatment"] == "PC"]
df_day7_c.describe()
```

Out[8]:

	width	length	weight
count	20.000000	20.000000	20.000000
mean	2.950000	20.750000	59.000000
std	0.686333	3.544826	21.001253
min	2.000000	16.500000	30.000000
25%	2.375000	18.000000	50.000000
50%	3.000000	20.000000	50.000000
75%	3.500000	22.125000	62.500000
max	4.000000	29.000000	120.000000