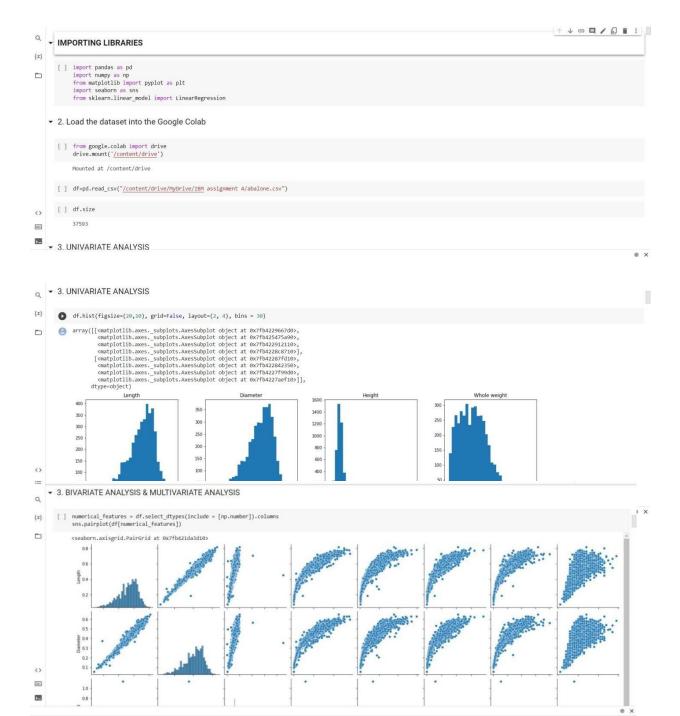
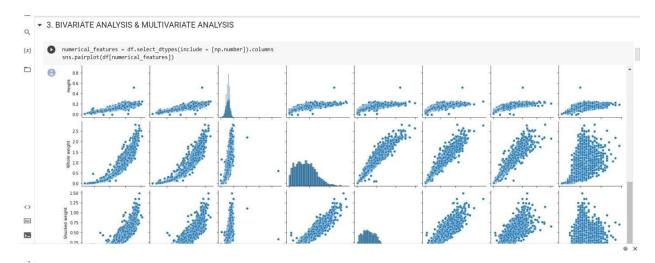
| Team Id | PNT2022TMID17341 | | | |
|--------------|---|--|--|--|
| Project Name | Estimated The Crop Yeild Using Data Analytics | | | |
| Date | 13.10.2022 | | | |
| Team Leader | Sharika B | | | |
| Team Member | Santhiya V | | | |
| | Sofia Christy V | | | |
| | Soundariya V | | | |



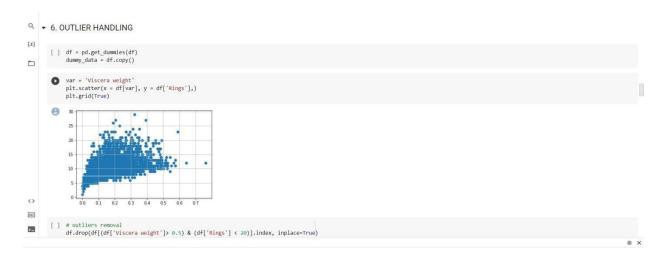


▼ 4. Descriptive statistics {x}

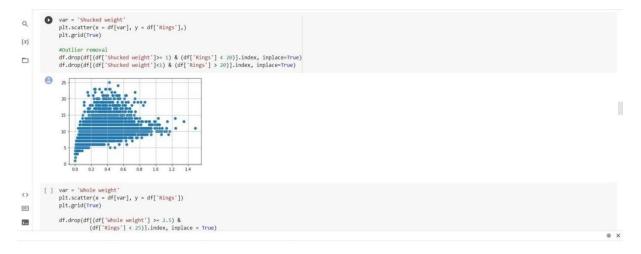
df.describe()

| | Length | Diameter | Height | Whole weight | Shucked weight | Viscera weight | Shell weight | Rings |
|-------|-------------|-------------|-------------|--------------|----------------|----------------|--------------|-------------|
| count | 4177.000000 | 4177.000000 | 4177.000000 | 4177,000000 | 4177.000000 | 4177.000000 | 4177.000000 | 4177.000000 |
| mean | 0.523992 | 0.407881 | 0.139516 | 0.828742 | 0.359367 | 0.180594 | 0.238831 | 9.933684 |
| std | 0.120093 | 0.099240 | 0.041827 | 0.490389 | 0.221963 | 0.109614 | 0.139203 | 3.224169 |
| min | 0.075000 | 0.055000 | 0.000000 | 0.002000 | 0.001000 | 0.000500 | 0.001500 | 1.000000 |
| 25% | 0.450000 | 0.350000 | 0.115000 | 0.441500 | 0.186000 | 0.093500 | 0.130000 | 8.000000 |
| 50% | 0.545000 | 0.425000 | 0.140000 | 0.799500 | 0.336000 | 0.171000 | 0.234000 | 9.000000 |
| 75% | 0.615000 | 0.480000 | 0.165000 | 1.153000 | 0.502000 | 0.253000 | 0.329000 | 11.000000 |
| max | 0.815000 | 0.650000 | 1.130000 | 2.825500 | 1.488000 | 0.760000 | 1.005000 | 29.000000 |



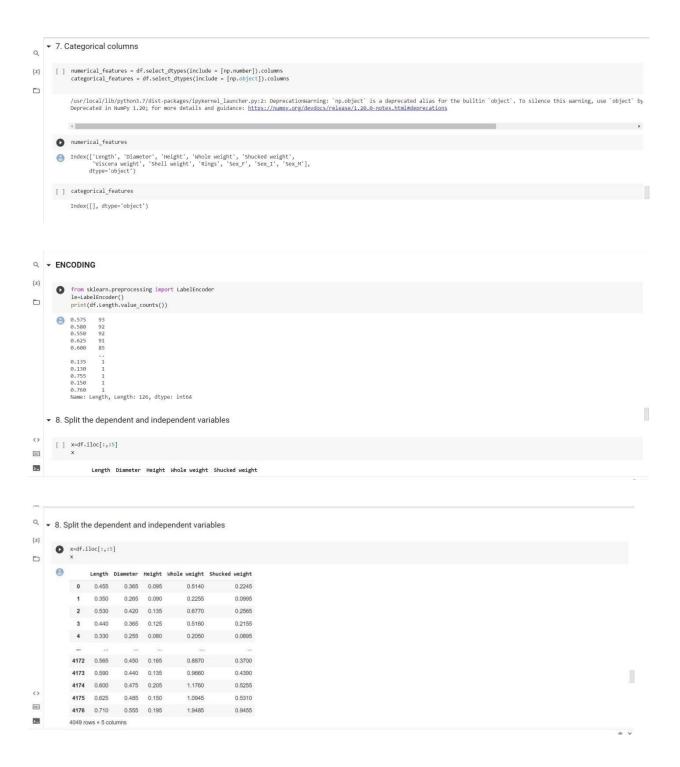


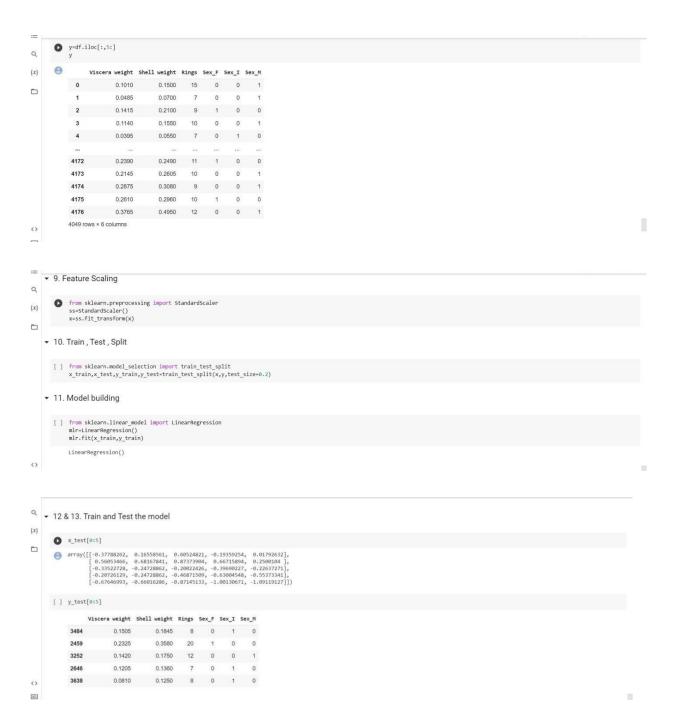












14. Measure the performance using metrics

-3.0610852112635683