Tugas 1: Judul tugas – Statistik Deskriptif dan Probabilitas

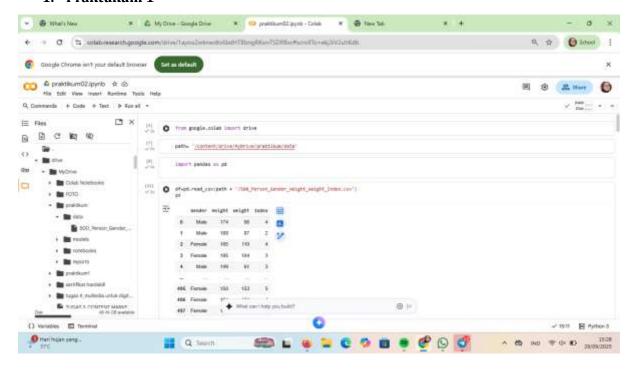
Siti aisah - 01102221291

¹ Teknik Informatika, STT Terpadu Nurul Fikri, Depok

*E-mail: siti22129ti@student.nurulfikri.ac.id

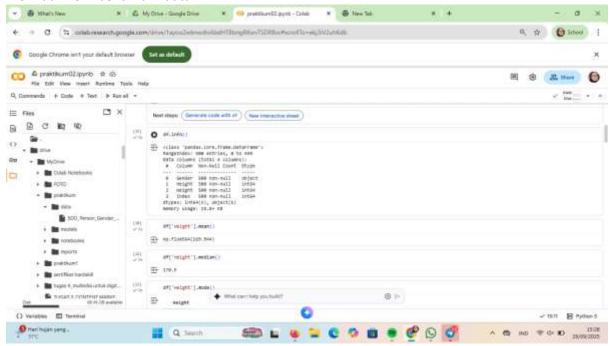
Abstract. Pembelajaran *Machine Learning* merupakan cabang dari kecerdasan buatan (*Artificial Intelligence*) yang berfokus pada pengembangan algoritma dan model statistik untuk memungkinkan sistem komputer belajar dari data dan membuat prediksi atau keputusan secara otomatis tanpa pemrograman eksplisit..

1. Praktukum 1



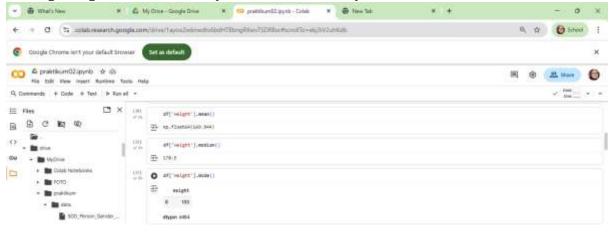
1.1 . Membaca file CSV

2. melihat informasi umum data



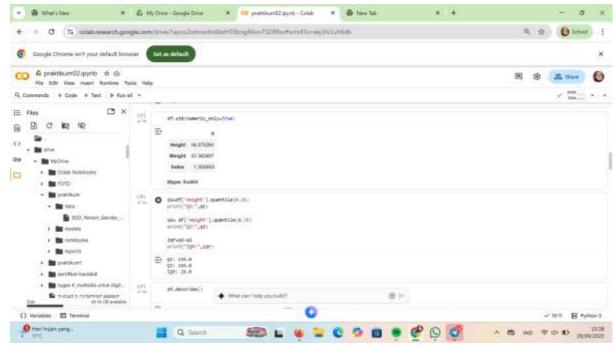
1.2 Hasil melihat informasi umum data

3. Menghitung Nilai-Nilai Sentral (Mean, Median, Modus)



1.3 hasil dari . Menghitung Nilai-Nilai Sentral (Mean, Median, Modus)

4.menghitung ukuran persebaran (variasi &standar deviasi)



1.4 hasil dari .menghitung ukuran persebaran (variasi &standar deviasi)

5.menghitung Quartil



- 1.5 hasil dari menghitung Quartil
- 6. Menghitung Statistik Deskriptif Otomatis



1.6 hasil dari menghitung statistic deskriptif otomatis

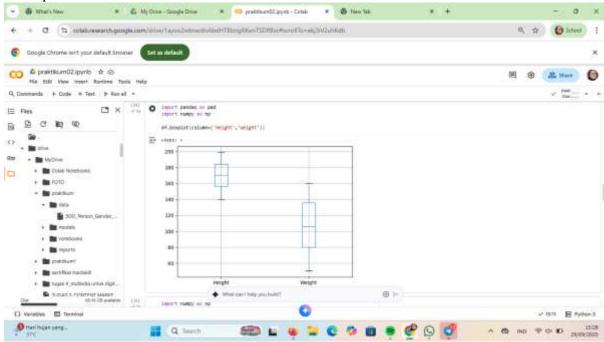
7. menghitung korelasi



1.7 hasil menghitung korelasi

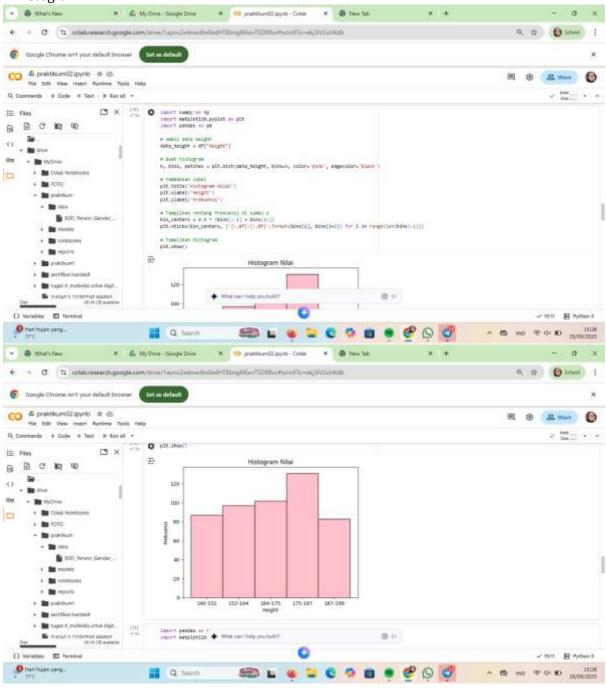
8. visualilasi data

1. Boxplot



1.1 hasil dari boxplot

2.Histogram

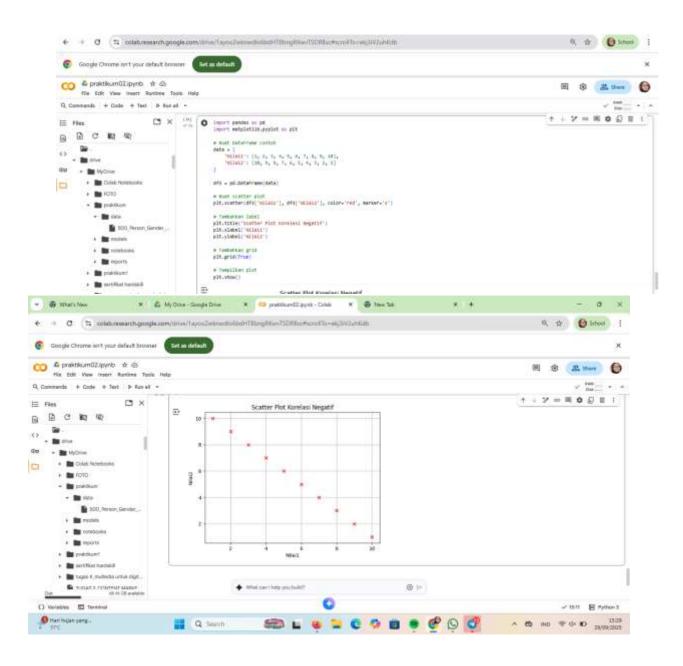


1.2 hasil histogram

3. Scatter Plot (Hubungan Antar Variabel) X & MyDrine - Songle Drive X Go practicant Zapath - Drivin X 🚱 New Yell. - 0 × O, pr (ichool ; ← → O % continuantho @ Google Chrome inn't your default browner Set as default CO & praktikum02/pynlo tr 🛇 H (8 LL 1947 🔴 His tolt View Insert Runtime Typis Help v 100 Q Commands + Code + Text + Fun all + X (iii) O least peaks or ps impro sampletim.comiet or pit B B C 10 0 * Aut parprise specie data • (**HIRLY: [1, 7, 3, 4, 5, 5, 7, 8, 9, 16], **KIRLY: [2, 4, 4, 6, 6, 17, 18, 18, 18, 28, 28] + E Colet Factorioles. * Sust scatter plot git.scatter(sfz['sclair'], sfz['sclair'], culor-'blue', earwer-'s') + 🛅 1010 e (petatean latel pit,tplic()patter fict sorelasi fusitif() pit.slabel('Milali') pit.slabel('Milali') 100 Person Garater ... + 🗯 regists · mrontoole · Mirenta # Tompilion plot plt.abse() + Improducer CO & prettium02/pyrib str is (A) (B) (B) (B) file fish Yew most fluxing Tools Help D X Scatter Plot Korelasi Positif в всых 20.0 () • Butter 17.5 du . 🖿 🖿 Njûrje 15:0 + E Cour recordance ▶ Im roto + Bredden - **B** == 7.5 100 Person Sander 50 r 🛅 recon

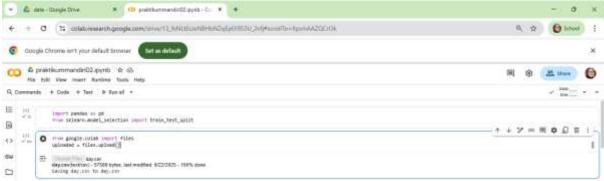
1.3 hasil dari .Scatter Plot (Hubungan Antar Variabel)

A Tempoole



TUGAS PRAKTIKUM MANDIRI 2

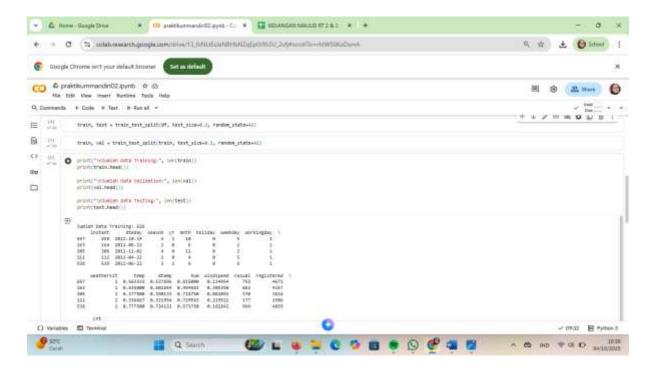
1. proses unggah file day.csv ke Google Colab sebagai langkah awal sebelum analisis data



2.hasil pembacaan data day.csv dari google colab

```
### Comparison of Comparison o
```

3.tampilan jumlah (Training, Validation, dan Testing)



Referensi:

Munir, S., Seminar, K. B., Sudradjat, Sukoco, H., & Buono, A. (2022). The Use of Random Forest Regression for Estimating Leaf Nitrogen Content of Oil Palm Based on Sentinel 1-A Imagery. *Information*, *14*(1), 10. https://doi.org/10.3390/info14010010

Seminar, K. B., Imantho, H., Sudradjat, Yahya, S., Munir, S., Kaliana, I., Mei Haryadi, F., Noor Baroroh, A., Supriyanto, Handoyo, G. C., Kurnia Wijayanto, A., Ijang Wahyudin, C., Liyantono, Budiman, R., Bakir Pasaman, A., Rusiawan, D., & Sulastri. (2024). PreciPalm: An Intelligent System for Calculating Macronutrient Status and Fertilizer Recommendations for Oil Palm on Mineral Soils Based on a Precision Agriculture Approach. *Scientific World Journal*, 2024(1). https://doi.org/10.1155/2024/1788726

link github: https://github.com/Sitiaisah1604/machine-learning/tree/main/praktikum1