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**Prodi : Informatika**

**REGRESI LINEAR 2**

Berikut adalah data usia dan berat badan ideal bagi bayi menurut who

|  |  |
| --- | --- |
| Usia (x) | Berat (y) |
| 1 | 10 |
| 2 | 13 |
| 3 | 15 |
| 4 | 17 |
| 5 | 19 |

**PERHITUNGAN**

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Diketahui data:

- Usia (x) = [1, 2, 3, 4, 5]

- Berat (y) = [10, 13, 15, 17, 19]

**Rata-rata  dan **

**Hitung b kemiringan**

Rumus b:

****

Kita perlu menghitung:

Berikut adalah hasil perhitungannya:

1. Rata-rata:

* = 3.0
* = 14.8

2. Perhitungan komponen:

* = [-2, -1, 0, 1, 2]
* = [-4.8, -1.8, 0.2, 2.2, 4.2]
* = [9.6, 1.8, 0.0, 2.2, 8.4]
* = [4, 1, 0, 1, 4]

3. Jumlah komponen:

* = 10.0

**Hitung b**

****

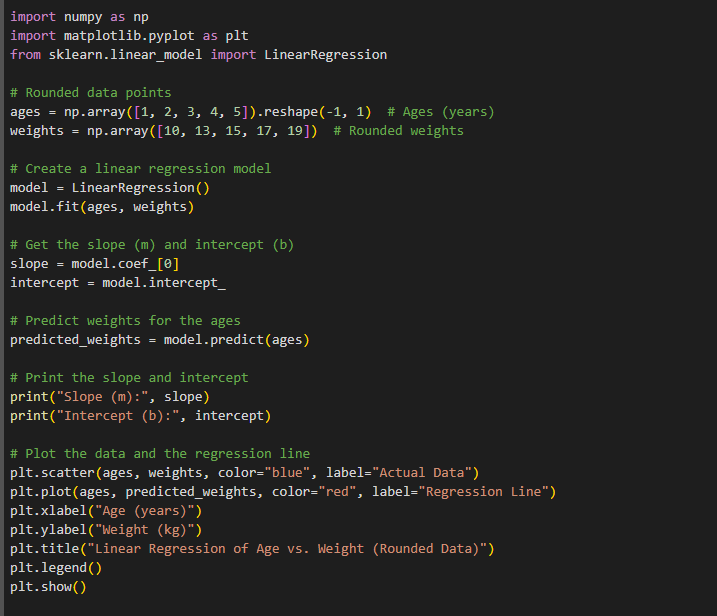
**Hitung**

**** = 14.8 – (2.2x3) = 8.2

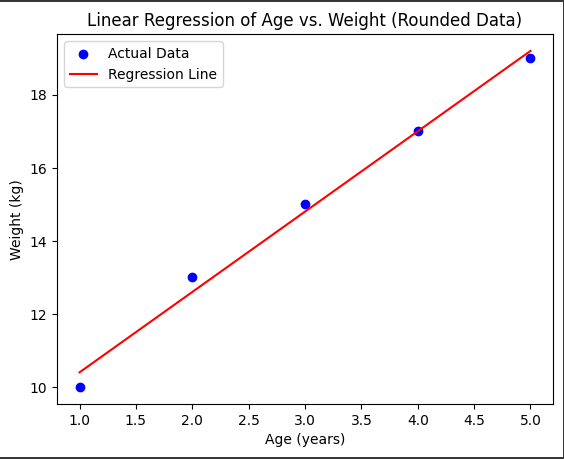
**Hasil akhir**

**Y = 8.2 + 2.2 .**

**CODE**

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**GRAFIK**

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