**Tarea Semana #2**

**SNEYDER MARTINEZ CAICEDO**

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**Modelación & Simulación de Sistemas**

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**MEDELLÍN - ANTIOQUIA**

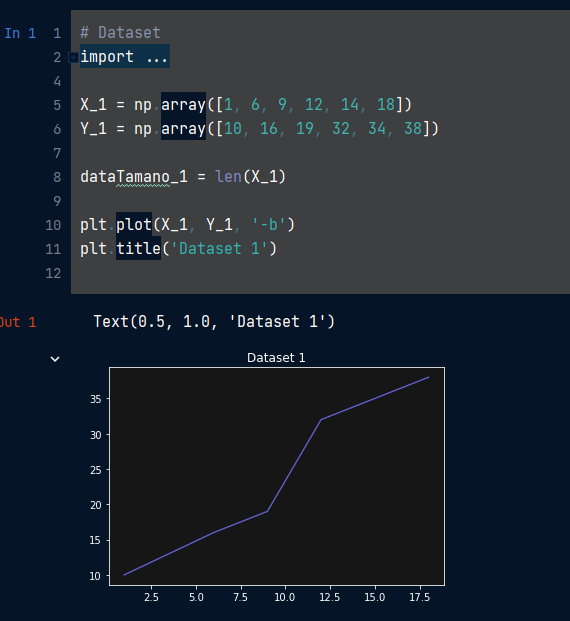
**AGOSTO 2022**

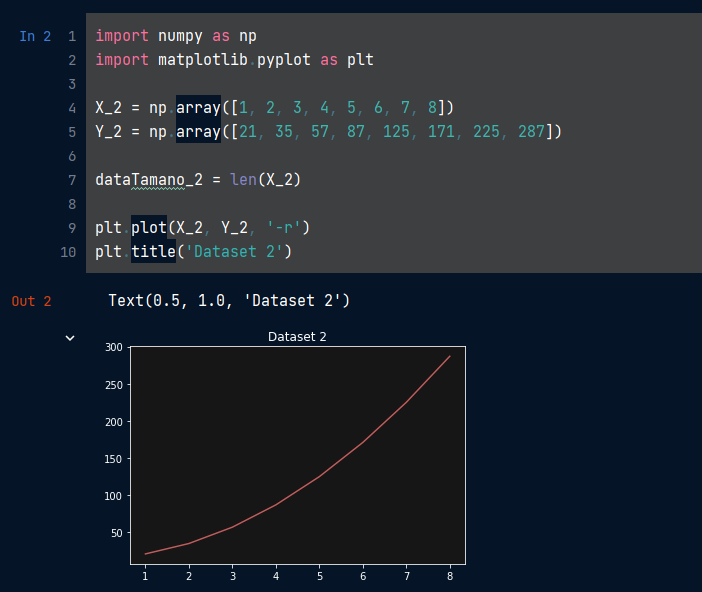
**Conjunto de datos**

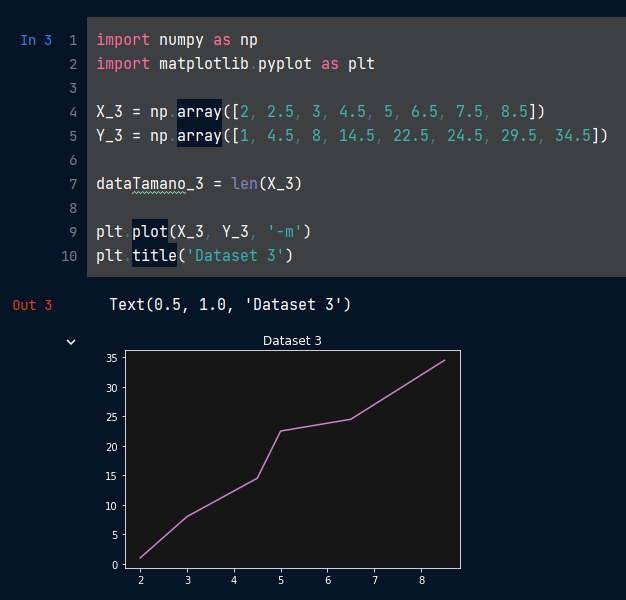
En amarrillo los datos cambiantes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Dataset 1*** | | ***Dataset 2*** | | ***Dataset 3*** | |
| *X* | *Y* | *X* | *Y* | *X* | *Y* |
| 1 | 10 | 1 | 21 | 2 | 1 |
| 6 | 16 | 2 | 35 | 2.5 | 4.5 |
| 9 | 19 | 3 | 57 | 3 | 8 |
| 12 | 32 | 4 | 87 | 4.5 | 14.5 |
| 14 | 34 | 5 | 125 | 5 | 22.5 |
| 18 | 38 | 6 | 171 | 6.5 | 24.5 |
|  |  | 7 | 225 | 7.5 | 29.5 |
|  |  | 8 | 287 | 8.5 | 34.5 |

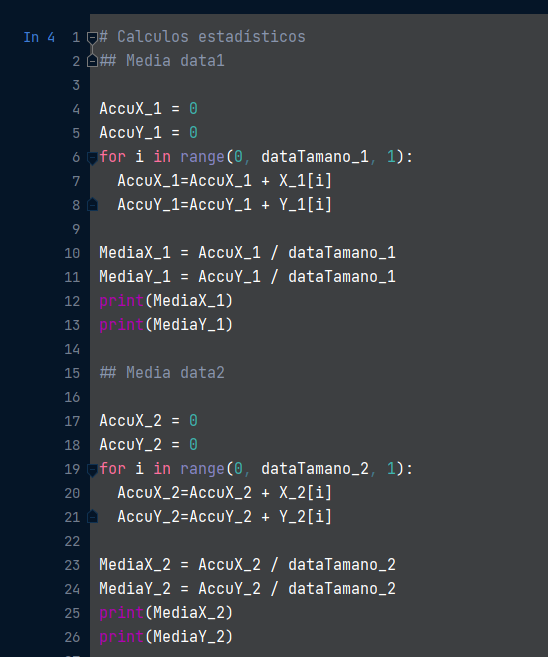
**Ingreso de datos:**

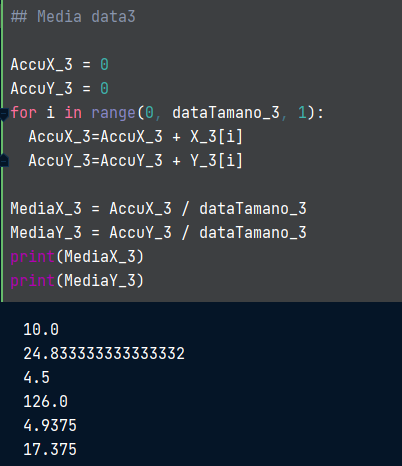




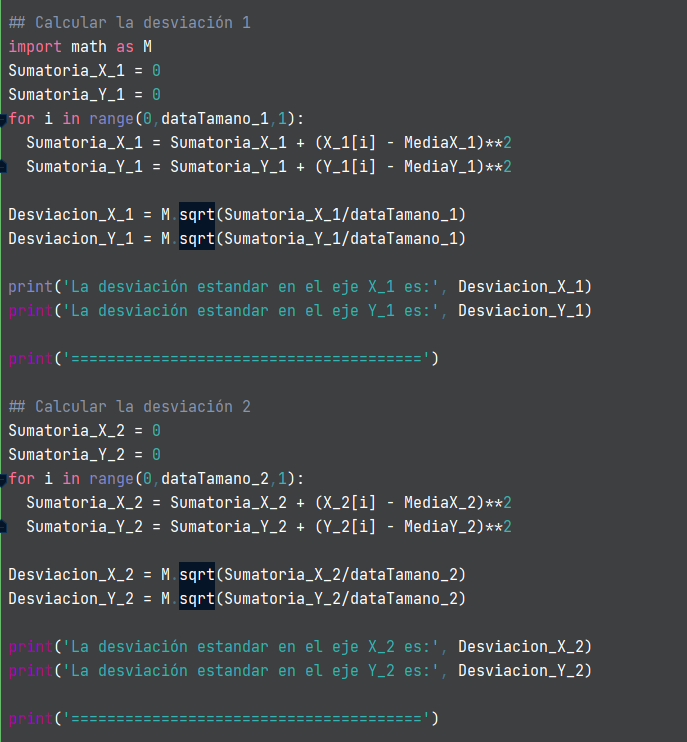


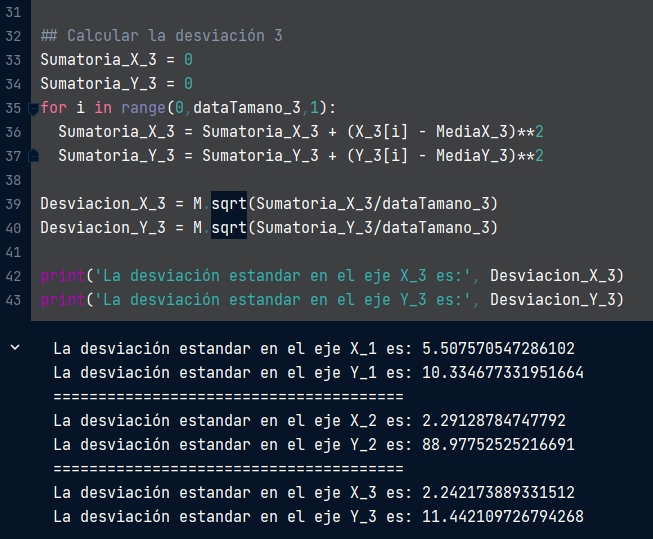
**Media:**

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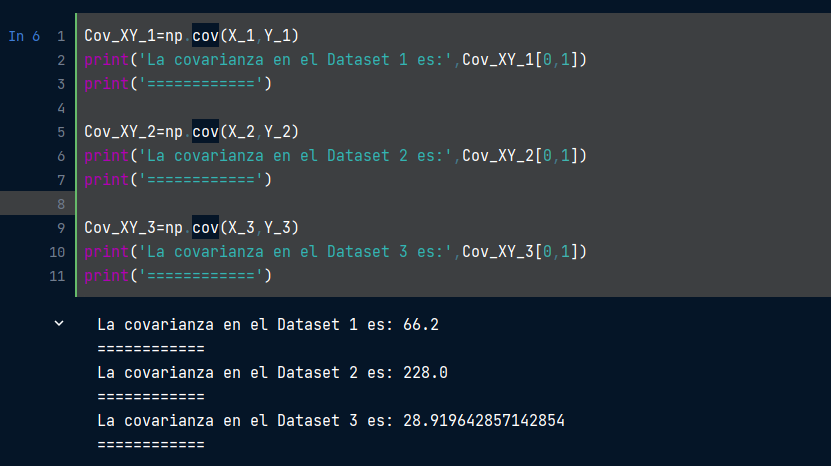
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**Desviación estándar:**

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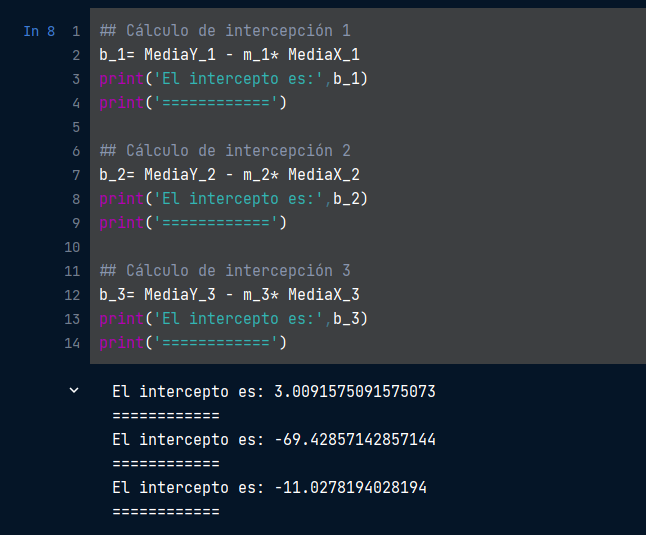
**Covarianza:**

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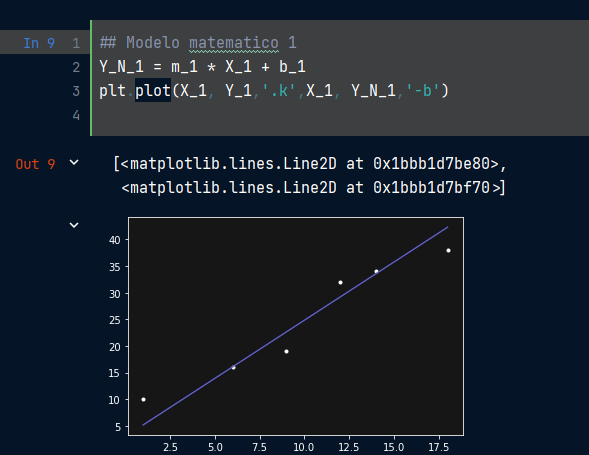
**Pendiente:**

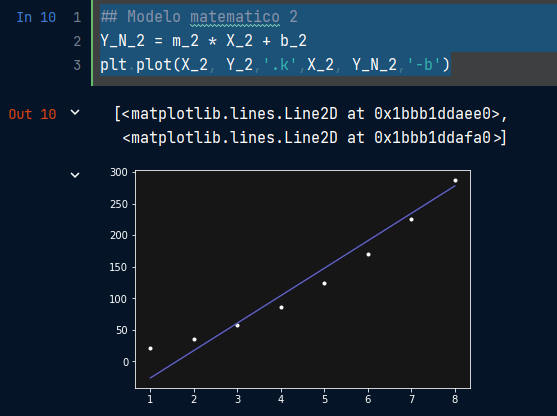
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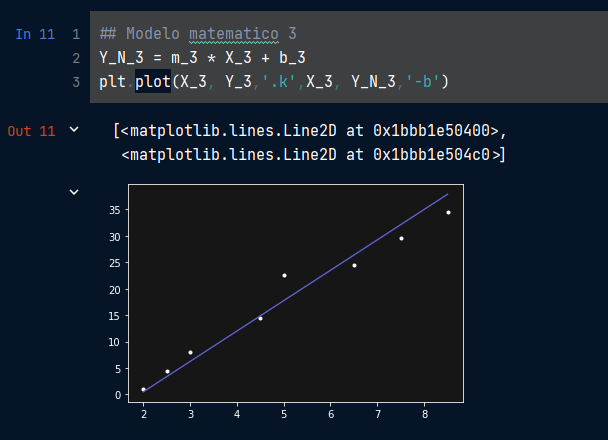
**Cálculo de intercepción:**

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**Modelo matemático:**

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