***Linear Regression***

Easy to understand

Types of LR

1. Simple Linear Regression
2. Multiple Linear Regression
3. Polynomial Linear Regression
4. Regularization (bit advance)
5. Simple LR

Yeah esa LR hai ki bss yaha 1 input column hota hai & 1 output column hota hai

2 column hai

|  |  |
| --- | --- |
| Cgpa | Package |
| 9 | 999 |
|  |  |

New student ka cgpa jaisa aaya vaise hum package predict krenge

1. Multiple LR

Yeah esa LR hai ki jisme 1 se zyaada input columns hai tou vo multiple linear regression mai convert hojata hai.

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| cgpa | gender | 12th | state | package |
| 9 | F | 40 | Wellington | 90LPA |
|  |  |  |  |  |

1. Short Overview of Polynomial LR

Jbh data Linear nahi hoga tbh polynomial use karenge