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IT 320

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LAB 6

Evaluation metrics for Person in Wikipedia “Free Guy”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Predicted Value | Actual Value   |  |  | | --- | --- | | Yes | No | | |
| Yes | 25 (TP) | 6 (FP) |
| No | 8 (FN) | 378 (FP) |

**Precision= (TP)/ (TP+FP) = 25/ (25+6) = 80%**

**Recall= (TP)/ (TP+FN) = 25/ (25+8) = 75.75%**

**F1 Measure= 2\*(Recall \* Precision) / (Recall + Precision) =78.19%**

Evaluation metrics for GPE in Wikipedia “Free Guy”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Predicted Value | Actual Value   |  |  | | --- | --- | | Yes | No | | |
| Yes | 5 (TP) | 6 (FP) |
| No | 2 (FN) | 404(TN) |

**Precision= (TP)/ (TP+FP) = 5/ (5+6) = 45.45%**

**Recall= (TP)/ (TP+FN) = 5/ (5+2) = 71.42%**

**F1 Measure= 2\*(Recall \* Precision) / (Recall + Precision) = 55.55%**