**Key Findings**

We had to classes, benign = 2; malignant = 4.

**Benign (2)**

* Precision came out as 0.93 or 93%.
* Model correctly predicted benign cells by 93%.
* Recall came out as 0.99 or 99%.
* Model correctly finds class 2 or benign 99% of the time.

**Malignant (4)**

* Precision came out as 0.98 or 98%.
* Model correctly predicted malignant cells by 98%.
* Recall came out as 0.90 or 90%.
* Model correctly finds class 4 or malignant 90% of the time.

**Confusion matrix**

1. Out of 137 cells, we had 79 benign cells, 78 of them were identified as correctly benign and only one was identified malignant.
2. Out of 173 cells, we had 58 malignant cells, out of 58 cells 52 were identified malignant and only 6 were identified benign.
3. The model had a 95% accuracy and 0.196 log loss, meaning it is making fairly accurate probability predictions. It’s a reasonably low value, showing the model is confident and mostly correct in its classifications.

A blue squares with white squares

AI-generated content may be incorrect.