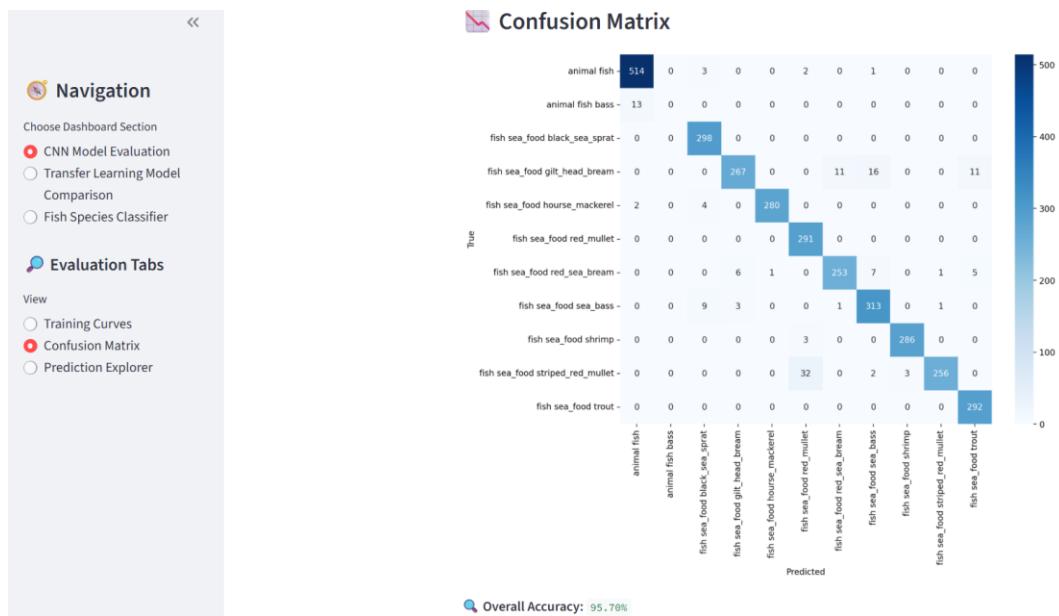
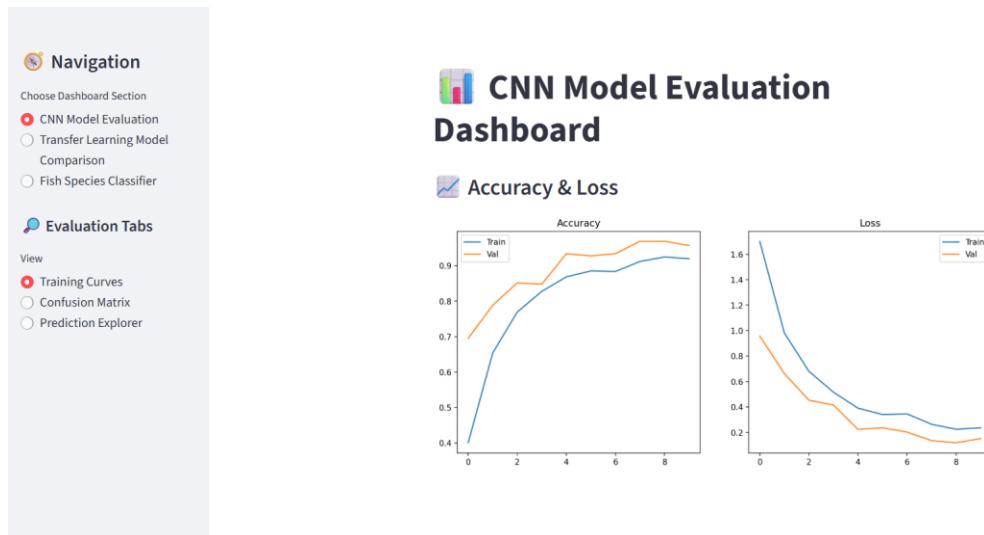


# MultiClass Fish Image Classification



## CNN Model Evaluation Dashboard

**Navigation**

Choose Dashboard Section

- CNN Model Evaluation
- Transfer Learning Model Comparison
- Fish Species Classifier

**Evaluation Tabs**

View

- Training Curves
- Confusion Matrix
- Prediction Explorer

### Prediction Explorer

Image	True_Label	Predicted_Label
0 animal fish\00ZR1T3Q2G5Z.jpg	animal fish	animal fish
1 animal fish\0982EFXJ0XH9.jpg	animal fish	animal fish
2 animal fish\0AKFISD3OVLE.jpg	animal fish	animal fish
3 animal fish\0AUE3U3PPXVL.jpg	animal fish	animal fish
4 animal fish\0BJD9F3STSQ7.jpg	animal fish	animal fish
5 animal fish\0JESIL2U7PFG.jpg	animal fish	animal fish
6 animal fish\0JIAUSEUBUU.jpg	animal fish	animal fish
7 animal fish\0JW3T28ZMSLG.jpg	animal fish	animal fish
8 animal fish\0KEIWNOMCIQU.jpg	animal fish	animal fish
9 animal fish\0NBI29HSVDH5.jpg	animal fish	animal fish

[Download CSV](#)

## Transfer Learning Model Comparison

**Navigation**

Choose Dashboard Section

- CNN Model Evaluation
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- Fish Species Classifier

**Compare Models**

Select models

ResNet50
x

MobileNetV2
x

InceptionV3
x

EfficientNetB0
x

### Validation Accuracy & Loss

### Final Performance Summary

Model	Validation Accuracy	Validation Loss	Precision	Recall	F1-Score	TP	FP	TN	FN
ResNet50	0.9954	0.0135	0.027	0.163	0.046	520	2667	29203	2667
EfficientNet	0.9954	0.0141	0.027	0.163	0.046	520	2667	29203	2667
VGG16	0.989	0.0397	0.027	0.163	0.046	520	2667	29203	2667
MobileNetV.	0.9863	0.0352	0.955	0.946	0.944	3014	173	31697	173
InceptionV3	0.9725	0.0857	0.973	0.972	0.971	3097	90	31780	90

**Navigation**

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**Upload Fish Image**

Choose an image

Drag and drop file here  
Limit 200MB per file • JPG, JPEG, PNG

Browse files

Uploaded Fish Image

## Fish Species Classification

Predicted Species: **fish sea\_food shrimp**

Confidence Score: **77.13%**

See all class probabilities

	Species	Confidence
0	fish sea_food shrimp	77.13
1	animal fish	22.86
2	animal fish bass	0
3	fish sea_food black_sea_sprat	0
4	fish sea_food gilt_head_bream	0
5	fish sea_food red_mullet	0
6	fish sea_food hourse_mackerel	0
7	fish sea_food red_sea_bream	0
8	fish sea_food sea_bass	0
9	fish sea_food striped_red_mullet	0