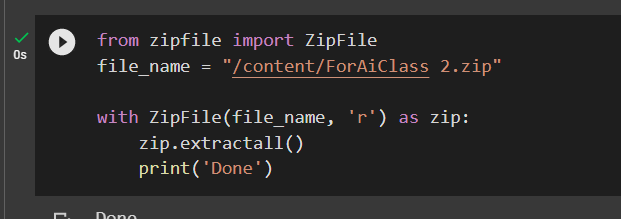
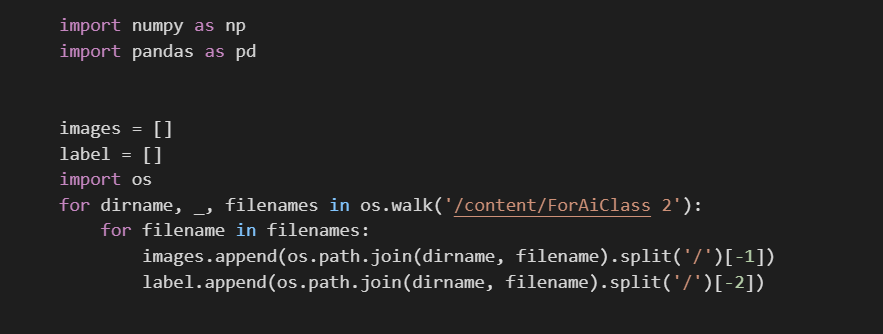
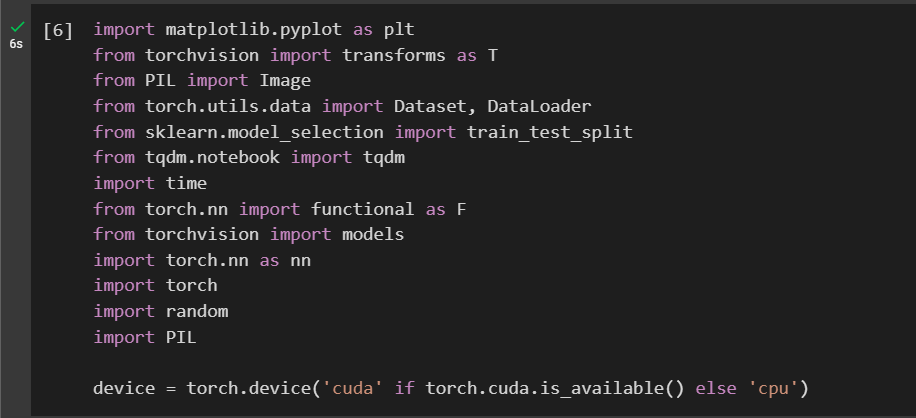
**INDUS VALLEY CIVILIZATION (IVC) SEALS USING CNN**

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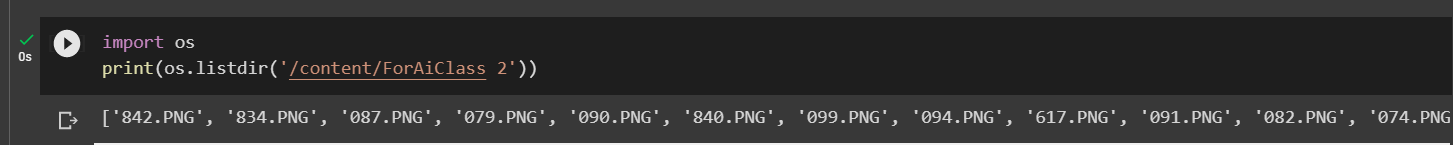
**Figure 1: Unzip the zip file**

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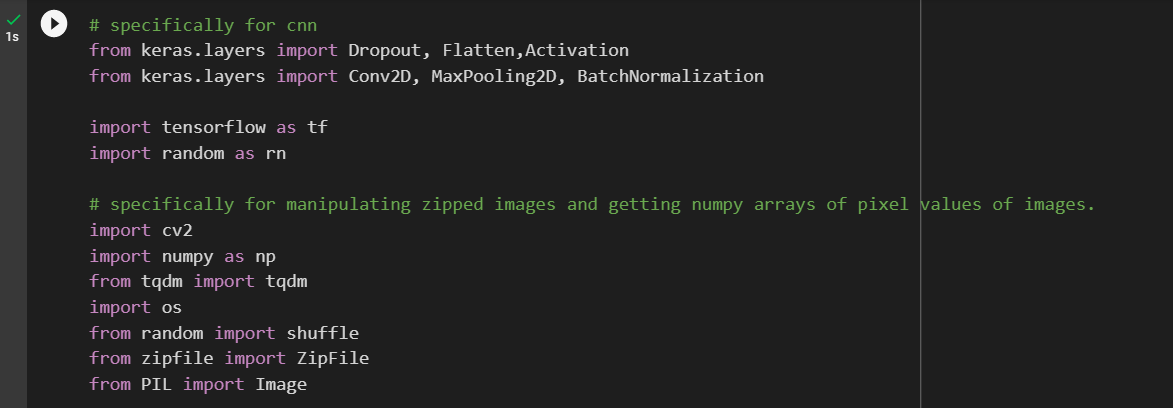
**Figure 2: Load the dataset**

****

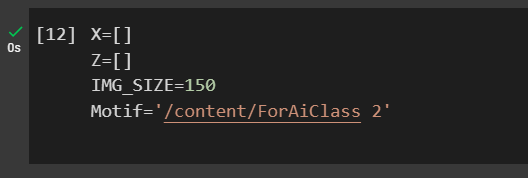
**Figure 3: Importing libraries**

****

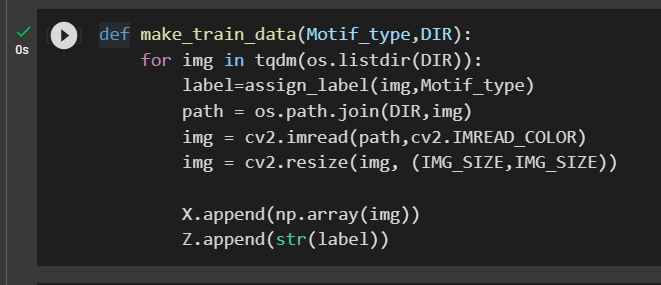
**Figure 4: Print os**

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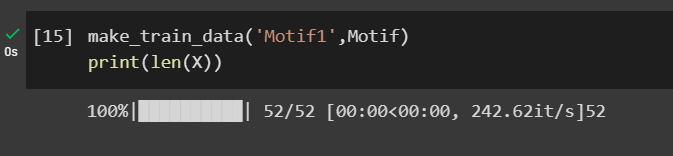
**Figure 5: CNN libraries**

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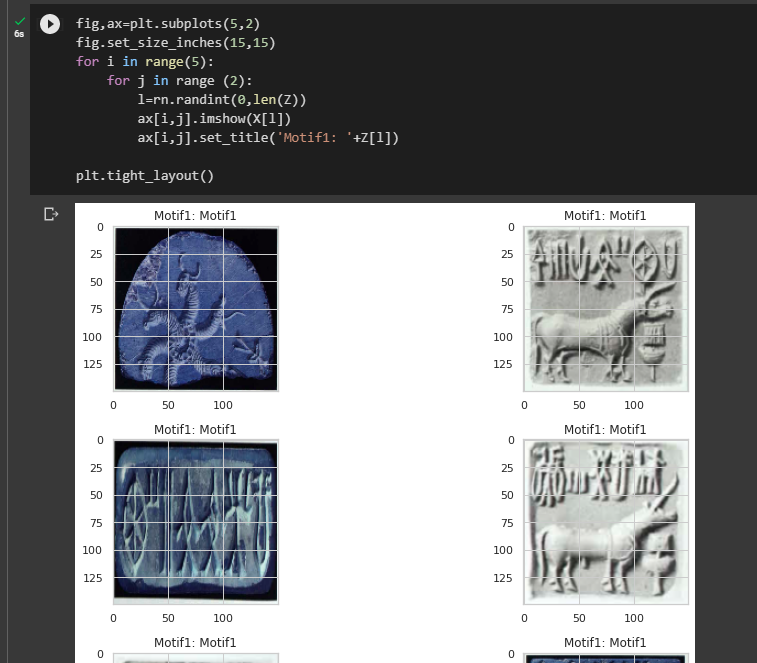
**Figure 6: Image size configuration**

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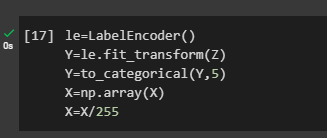
**Figure 7: Train data configuration**

****

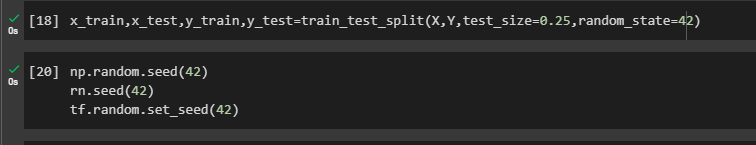
**Figure 8: Length(x)**

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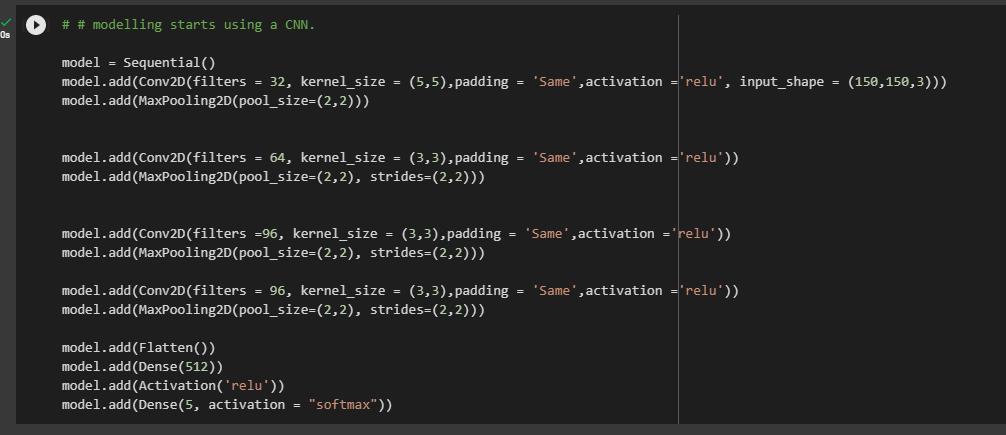
**Figure 9: Visualizing the motifs**

****

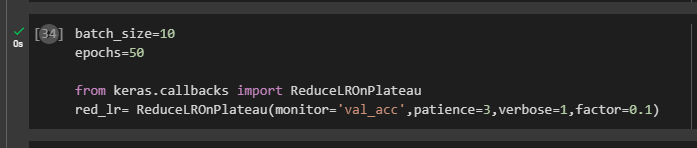
**Figure 10: Level encoding**

****

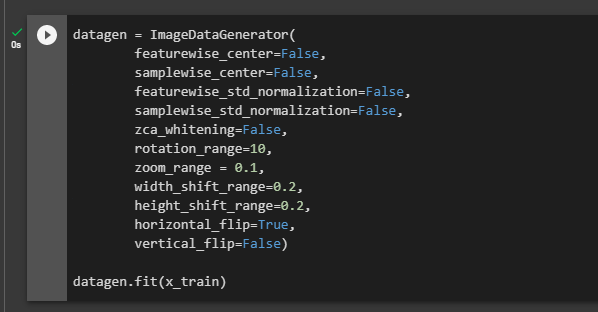
**Figure 11: Train, test split**

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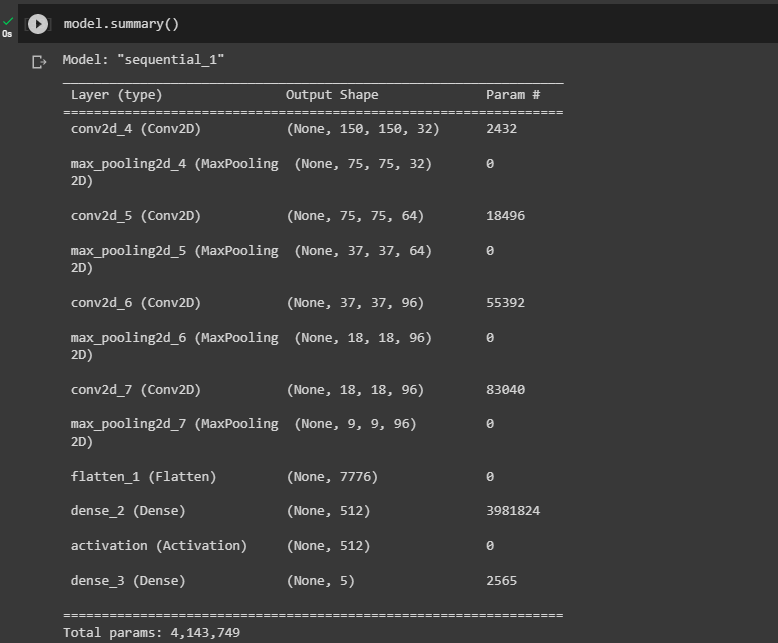
**Figure 11: CNN sequential model**

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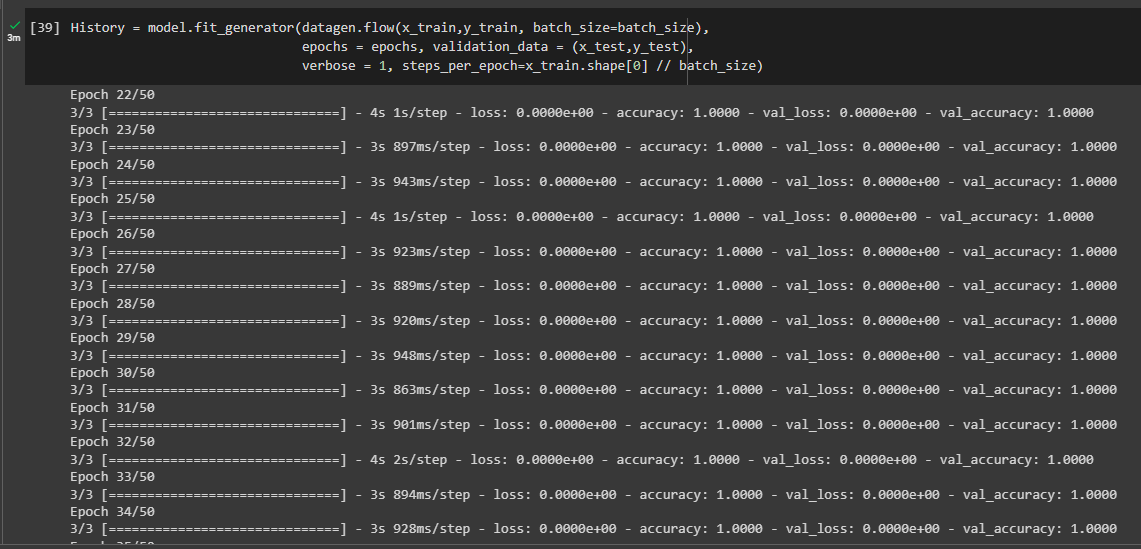
**Figure 12: Batch size**

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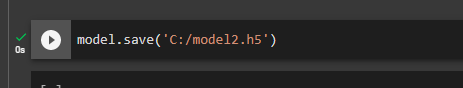
**Figure 13: Image data generator**

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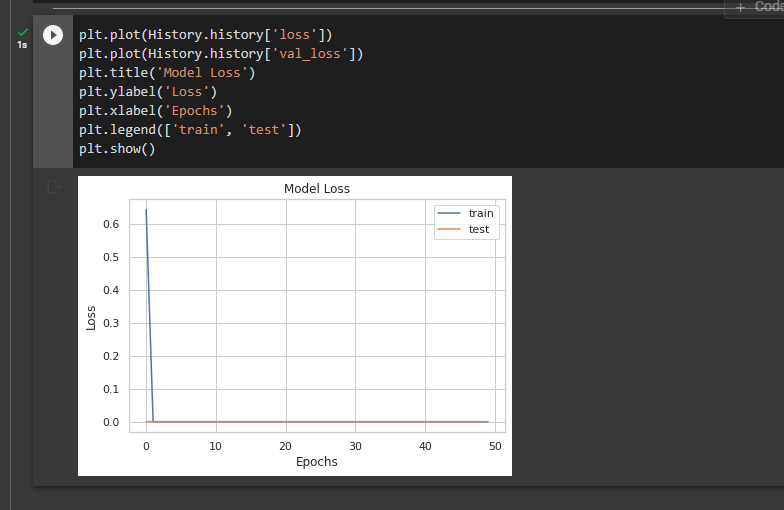
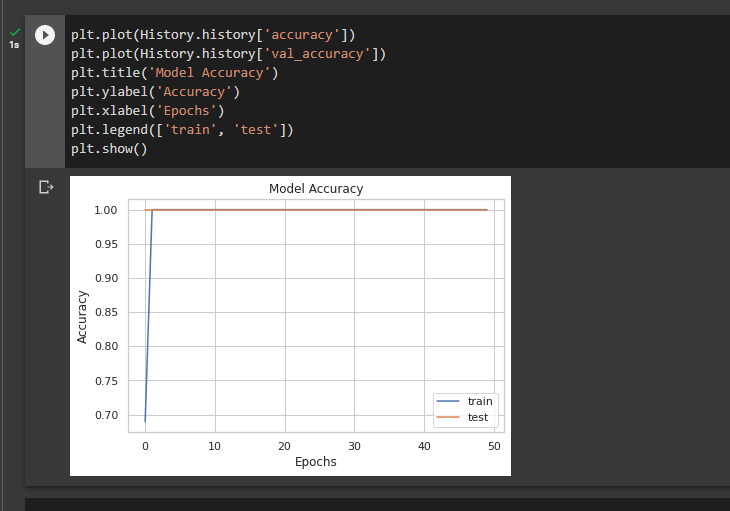
**Figure 13: Model summary**

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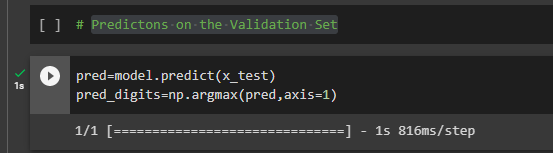
**Figure 14: Model history**

****

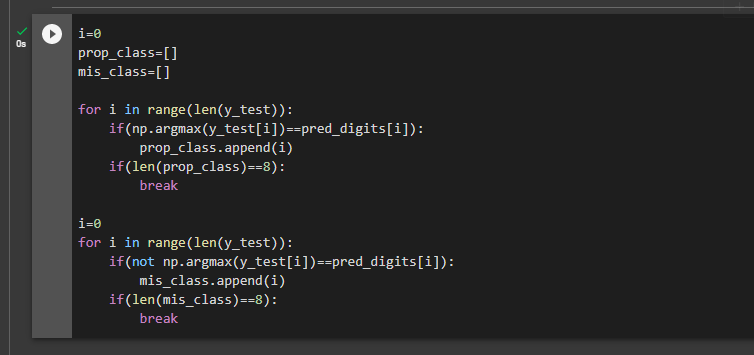
**Figure 14: Saving the Model history**

**** ****

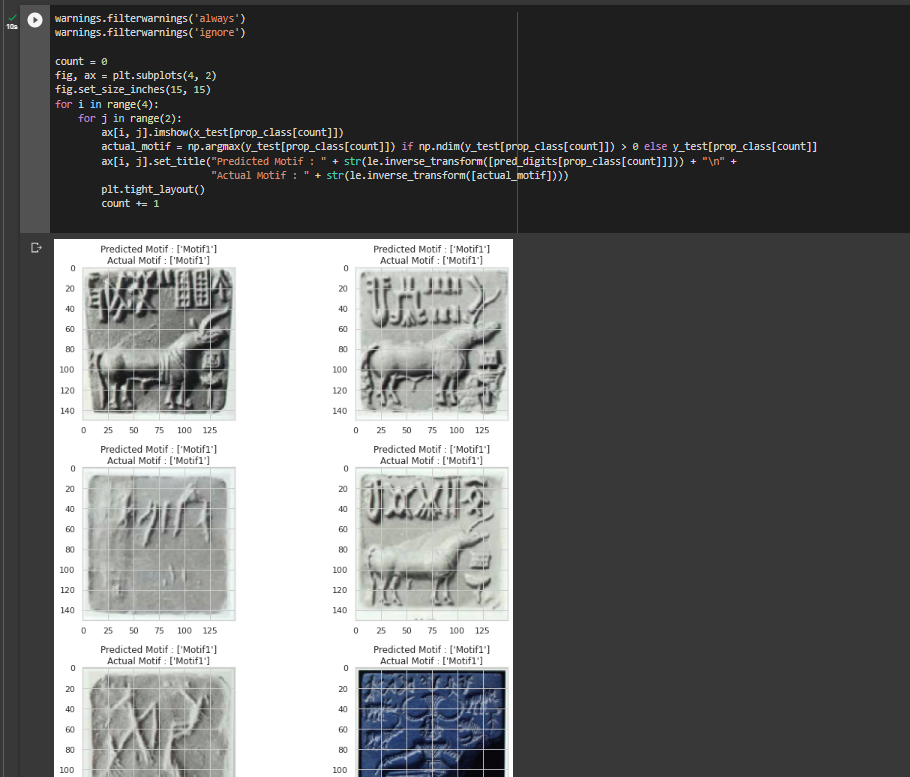
**Figure 15: Model performance evaluation**

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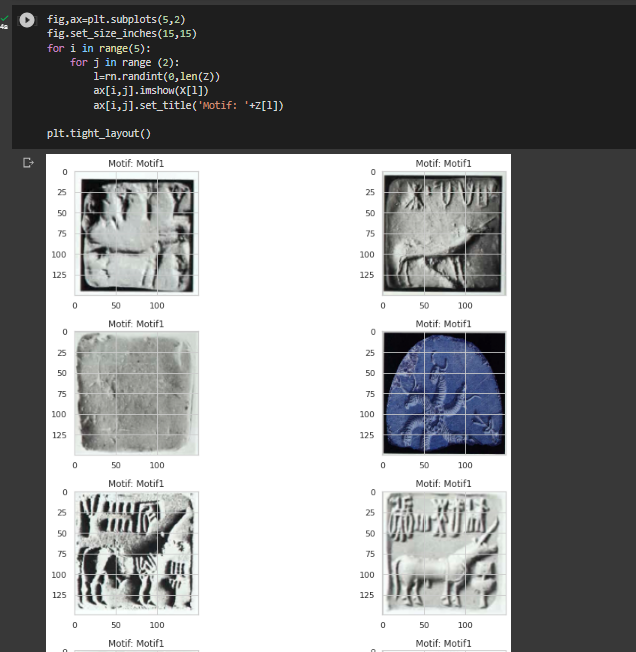
**Figure 15: Validation set prediction**

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**Figure 16: Misclassified indexes**

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**Figure 17: Predicted vs actual motif**

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**Figure 18: Visualizing the layout**