

The screenshot shows a Google Colab notebook interface. The browser address bar displays the URL: `colab.research.google.com/drive/15vii5La8NfsmBgmLdGpmwv5jHW2wI-#scrollTo=D7iXt_Hu010G`. The notebook title is "Listening Beyond The Labels". The interface includes a menu bar (File, Edit, View, Insert, Runtime, Tools, Help), a toolbar with icons for commands, code, text, and running all cells, and a sidebar with icons for file explorer, search, and other tools.

The notebook content shows three steps:

- Step 33: Evaluate model on validation set**
Code: `[] val_loss, val_accuracy = model.evaluate(X_val, y_val)`
Output: `1/1 1s 704ms/step - accuracy: 0.8462 - loss: 0.4323`
- Step 34: Print validation loss and accuracy**
Code: `[] print(f"Validation Loss: {val_loss:.4f}")
print(f"Validation Accuracy: {val_accuracy:.4f}")`
Output: `Validation Loss: 0.4323
Validation Accuracy: 0.8462`
- Step 35: Print final training accuracy**
Code: `[] final_train_acc = history.history['accuracy'][-1]
print(f"Final Training Accuracy: {final_train_acc:.4f}")`
Output: `Final Training Accuracy: 0.9688`

The bottom of the interface shows tabs for "Variables" and "Terminal".

Figure 1. Model performance evaluation on validation set.

This screenshot shows the evaluation of the trained model using the validation subset, with a final validation accuracy of 84.62% and loss of 0.4323. The training accuracy at the final epoch reaches 96.88%, indicating a strong model fit before testing on unseen data.