Ensemble Evaluation Report

Accuracy: 0.8831
Precision (Macro): 0.8752
Recall (Macro): 0.8889
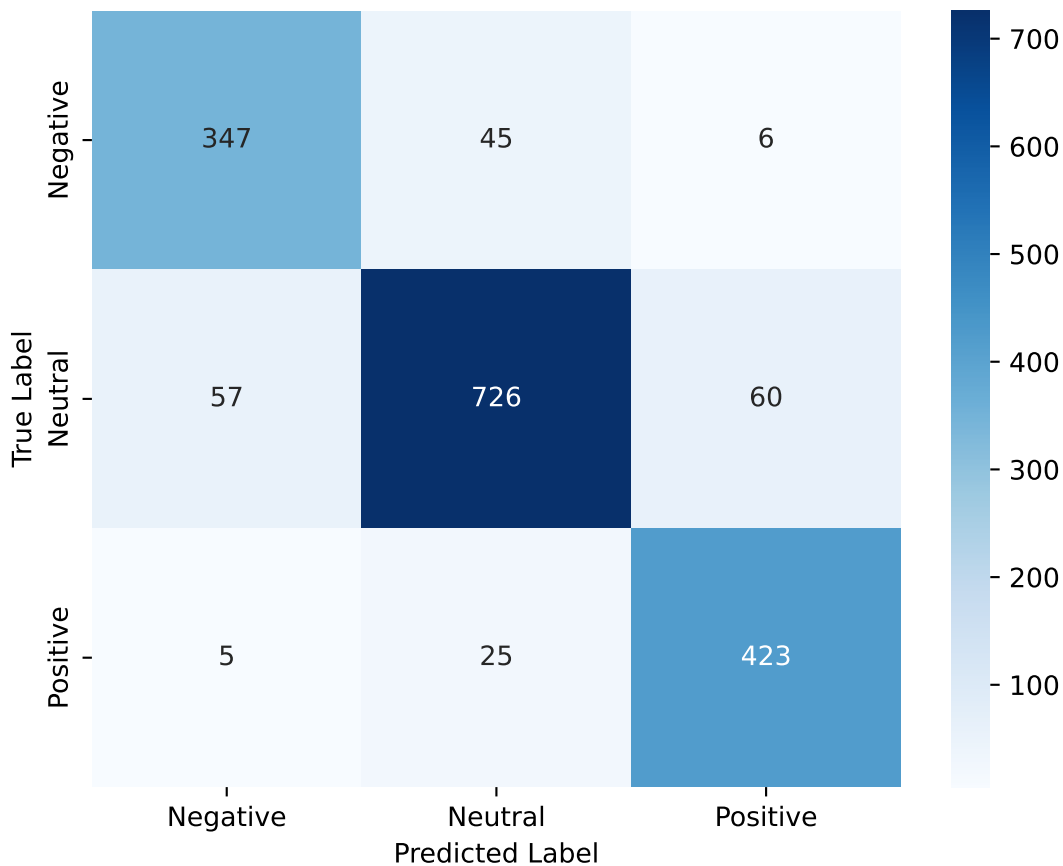F1 Score (Macro): 0.8813

Class-wise Metrics (Macro):
Negative - P: 0.8484, R: 0.8719, F1: 0.8600
Neutral - P: 0.9121, R: 0.8612, F1: 0.8859
Positive - P: 0.8650, R: 0.9338, F1: 0.8981

Ensemble Confusion Matrix

```
CodeBERT Evaluation Report

Accuracy: 0.8693
Precision (Macro): 0.8595
Recall (Macro): 0.8736
F1 Score (Macro): 0.8659

Class-wise Metrics (Macro):
Negative - P: 0.8138, R: 0.8546, F1: 0.8337
Neutral  - P: 0.9033, R: 0.8519, F1: 0.8768
Positive - P: 0.8613, R: 0.9143, F1: 0.8870
```
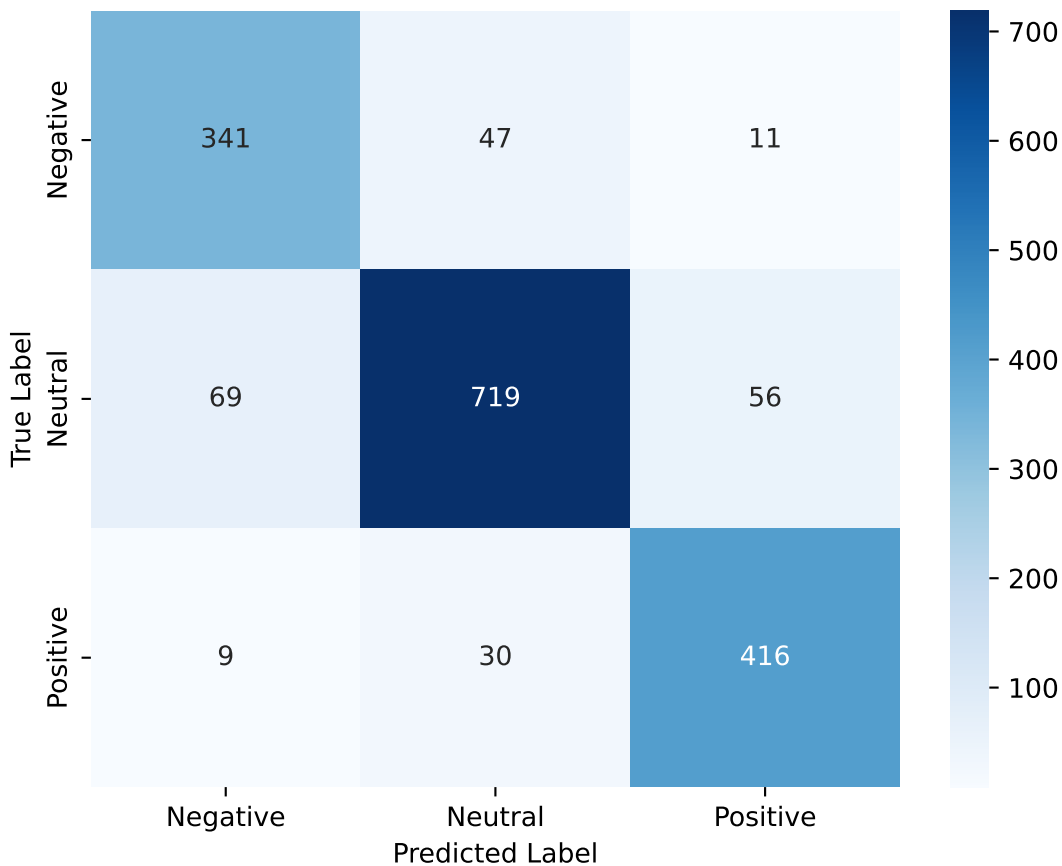
CodeBERT Confusion Matrix

```
DeBERTa Evaluation Report

Accuracy: 0.8793
Precision (Macro): 0.8698
Recall (Macro): 0.8846
F1 Score (Macro): 0.8761

Class-wise Metrics (Macro):
Negative - P: 0.8448, R: 0.8596, F1: 0.8522
Neutral  - P: 0.9176, R: 0.8578, F1: 0.8867
Positive - P: 0.8469, R: 0.9363, F1: 0.8894
```
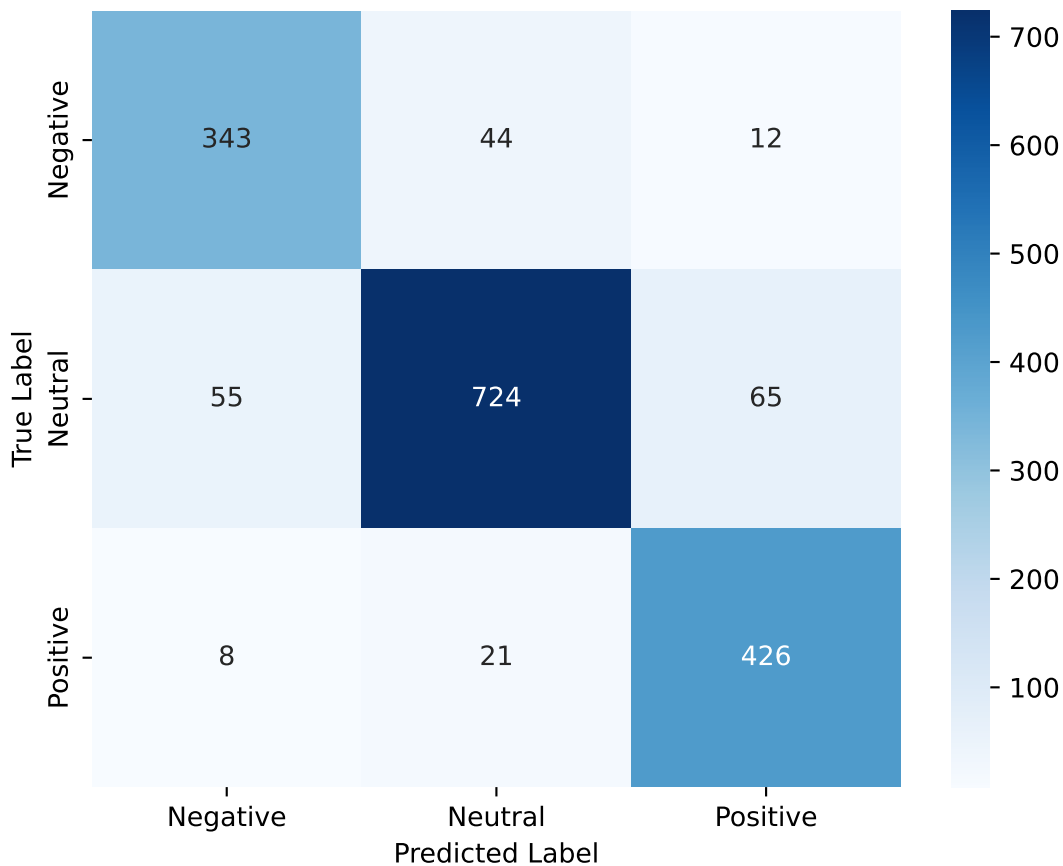
DeBERTa Confusion Matrix

```
DistilBERT Evaluation Report

Accuracy: 0.8769
Precision (Macro): 0.8697
Recall (Macro): 0.8796
F1 Score (Macro): 0.8742

Class-wise Metrics (Macro):
Negative - P: 0.8532, R: 0.8596, F1: 0.8564
Neutral  - P: 0.9035, R: 0.8649, F1: 0.8838
Positive - P: 0.8525, R: 0.9143, F1: 0.8823
```

DistilBERT Confusion Matrix