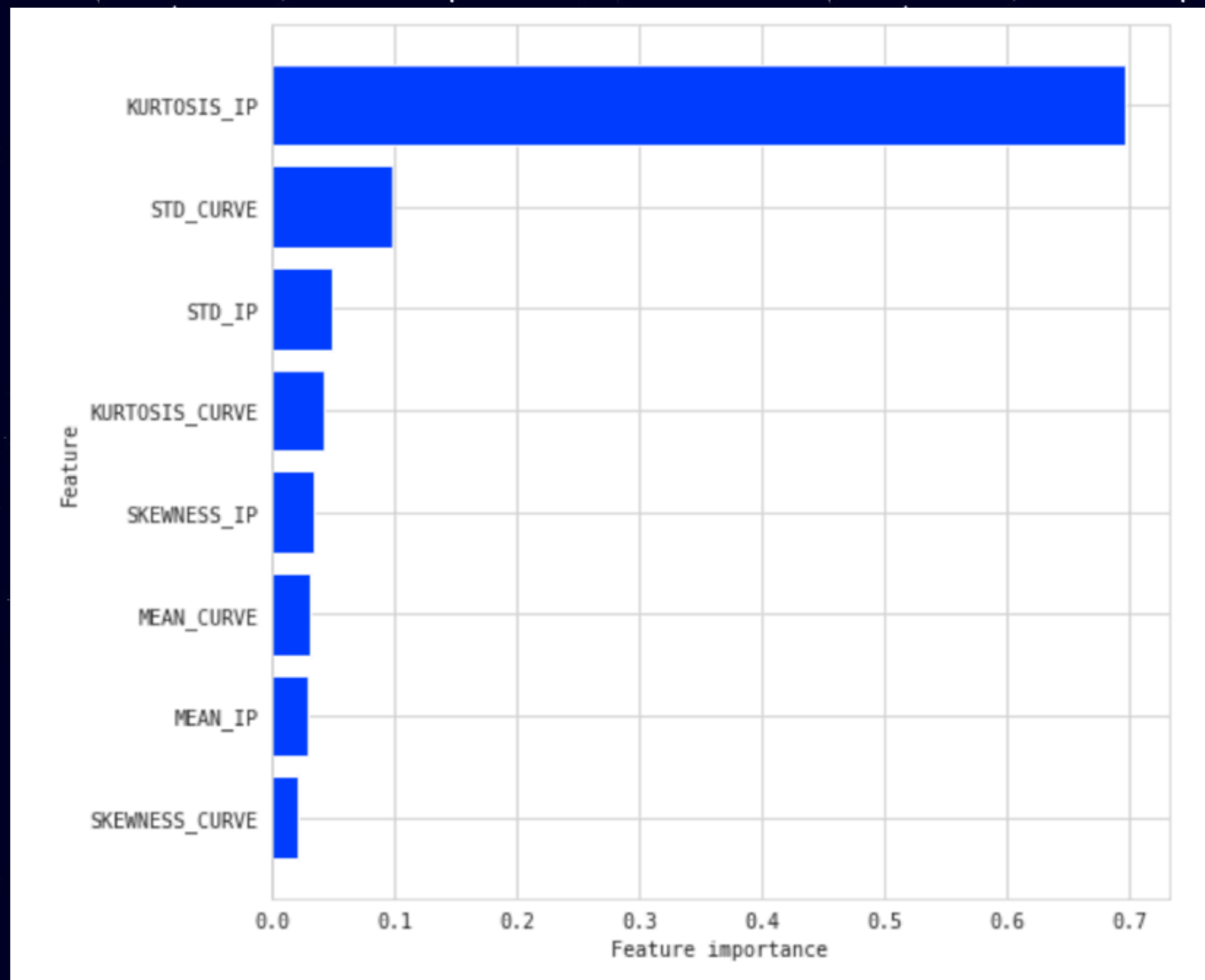


# RESULTS

- The model correctly classified 99% of the non-pulsar signals as RFI/noise, mistaking only 1% of the data as pulsars when it was in fact only RFI/Noise.
- The model correctly classified 86% of the pulsars as pulsars, mistaking 14% as noise when they were actually pulsars.
- 490 Pulsars correctly identified
- 81 pulsars misclassified as noise



# RECOMMENDATIONS

1. Focus on Kurtosis Integrated Profile
2. Focus on Standard Deviation DM-NSR Curve
3. Closer analysis of what this means and if other celestial objects producing cosmic rays show the same attributes.

