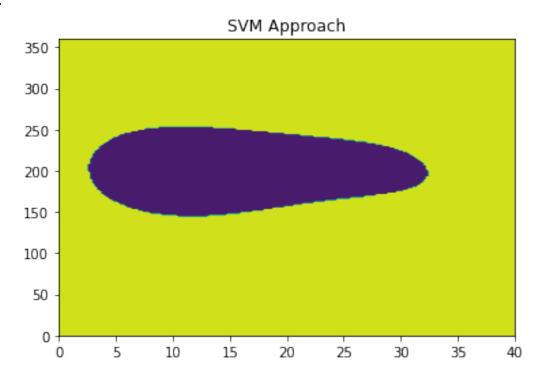
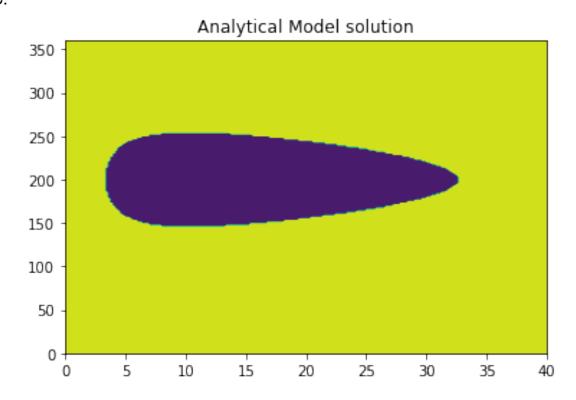
Α.

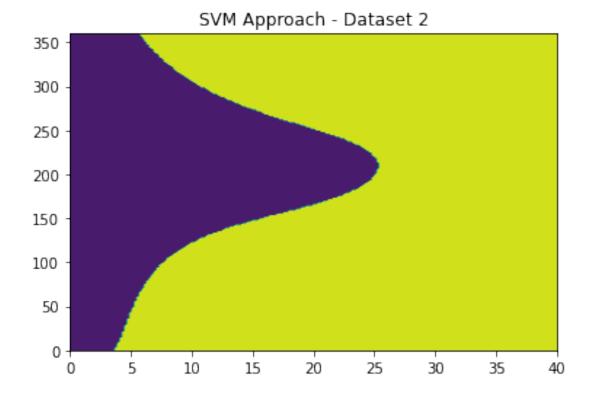


B.

- 1. SVM was chosen as it is the quicker solution, both computationally and time-wise.
- 2. ML is able to automate the prediction without the need for calculations.
- 3. ML is unnecessary when an understanding of the physics makes the analytical solution a suitable predictor. ML predictors would also show higher bias to training datasets than an analytical solution.

C.





E. 4 features are varying now (f1, f1ang, f2, f2ang) and so a greater number of points are required to accurately fit the SVM for the range of f1 and f1ang.