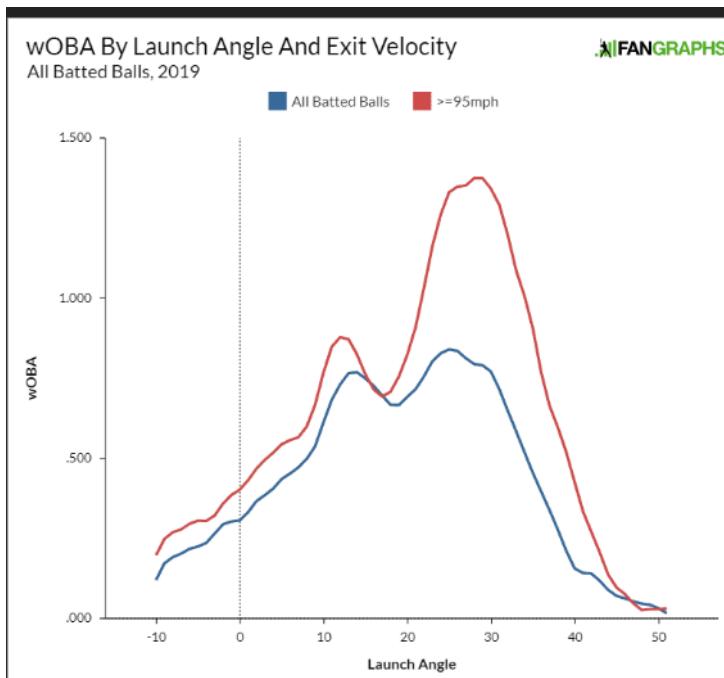
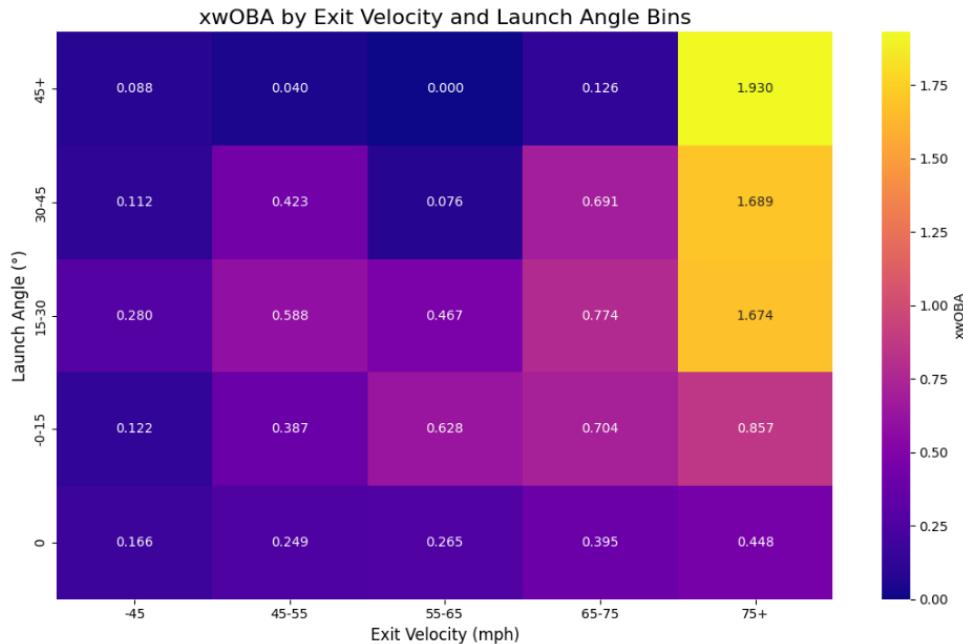
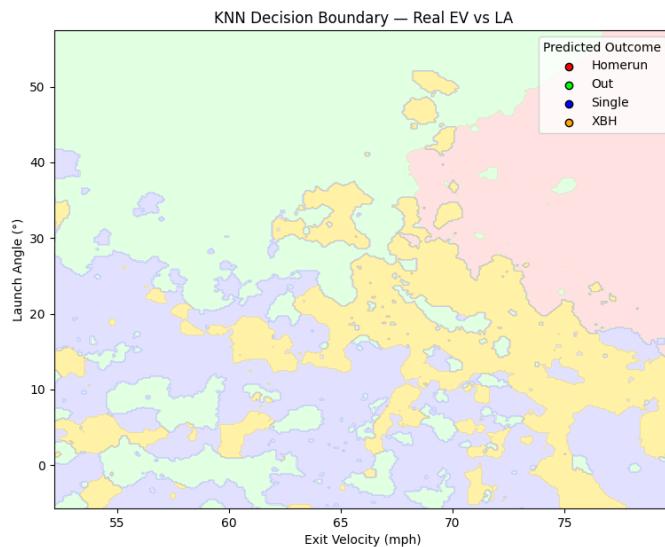
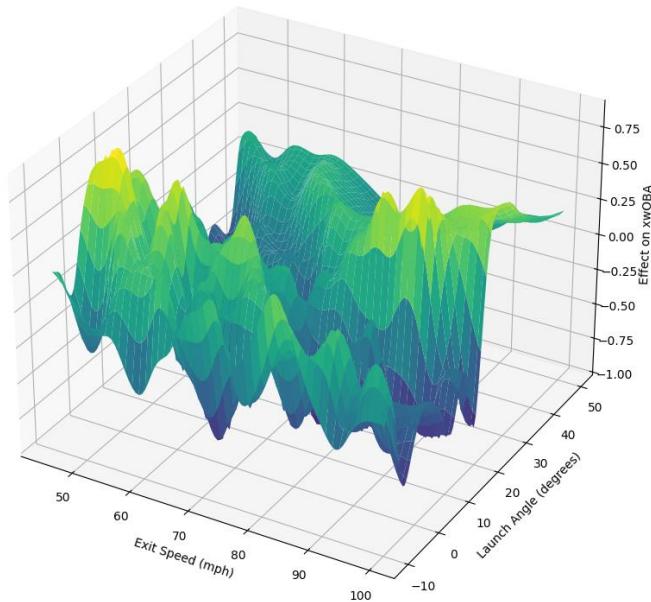


Visuals for Softball

$$\widehat{\text{xwOBA}}(EV, LA) = 0.087002 + 0.396497 f_{\text{interaction}}(EV, LA) + 0.515372 f_{\text{ExitSpeed}}(EV) + 0.469593 f_{\text{Angle}}(LA)$$



GAM 2D Interaction Surface: $f_{\text{interaction}}(\text{EV}, \text{LA})$



```
=====
GAM xwOBA ACCURACY
=====
RMSE: 0.16259
MAE: 0.09908
R2: 0.94391
```

```
Mean CV F1: 0.8311859311111787 ± 0.020160031281483328
```

```
Confusion matrix:  
[[149  1  0  0]  
 [ 3 107 30 10]  
 [ 0 10 127 13]  
 [ 6  3 11 130]]  
probabilities of Homerun      Out      Single       XBH  
0      0.0  0.088206  0.911794  0.000000  
1      0.0  0.000000  0.079732  0.920268  
2      0.0  0.339446  0.660554  0.000000  
3      1.0  0.000000  0.000000  0.000000  
4      0.0  0.015558  0.944117  0.040325
```