

# Draft Presentation

Ethan Schilling

2025-12-01

Goal: Recreate confusion matrix of 2018 NBA data and compare to the 2022 season

- ▶ Use a confusion matrix to determine outcomes of predicting top player status
- ▶ Group top 15 players and create a heat map/confusion matrix to predict top player status
- ▶ Recreate heat mapped confusion matrix or a single row.
- ▶ Goal is to predict as many NBA All-Stars as possible.

# Our Confusion Matrix

	ft pct	-0.05	0.22	-0.30	-0.06	-0.46	0.04	-0.20	-0.37	-0.17	0.56	1.00
fg3 pct	0.23	0.29	0.46	-0.10	0.29	-0.05	-0.34	-0.39	0.14	-0.14	1.00	0.56
fg pct	-0.18	-0.28	-0.60	0.23	0.10	0.66	-0.06	0.13	0.58	1.00	-0.14	-0.17
blk per g	-0.09	0.03	-0.26	0.63	0.42	0.82	-0.49	-0.15	1.00	0.58	0.14	-0.37
stl per g	-0.33	-0.67	-0.09	-0.52	-0.70	0.00	0.55	1.00	-0.15	0.13	-0.39	-0.20
ast per g	-0.20	-0.33	0.09	-0.34	-0.39	-0.30	1.00	0.55	-0.49	-0.06	-0.34	0.04
trb per g	-0.16	0.00	-0.27	0.52	0.35	1.00	-0.30	0.00	0.82	0.66	-0.05	-0.46
pts per g	0.23	0.86	0.21	0.71	1.00	0.35	-0.39	-0.70	0.42	0.10	0.29	-0.06
fta	-0.16	0.38	-0.29	1.00	0.71	0.52	-0.34	-0.52	0.63	0.23	-0.10	-0.30
fg3a	0.18	0.44	1.00	-0.29	0.21	-0.27	0.09	-0.09	-0.26	-0.60	0.46	0.22
fga	0.44	1.00	0.44	0.38	0.86	0.00	-0.33	-0.67	0.03	-0.28	0.29	-0.05
minutes pg	1.00	0.44	0.18	-0.16	0.23	-0.16	-0.20	-0.33	-0.09	-0.18	0.23	0.04



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