

# Making Six-figure\$ From Your Malpractice Suit

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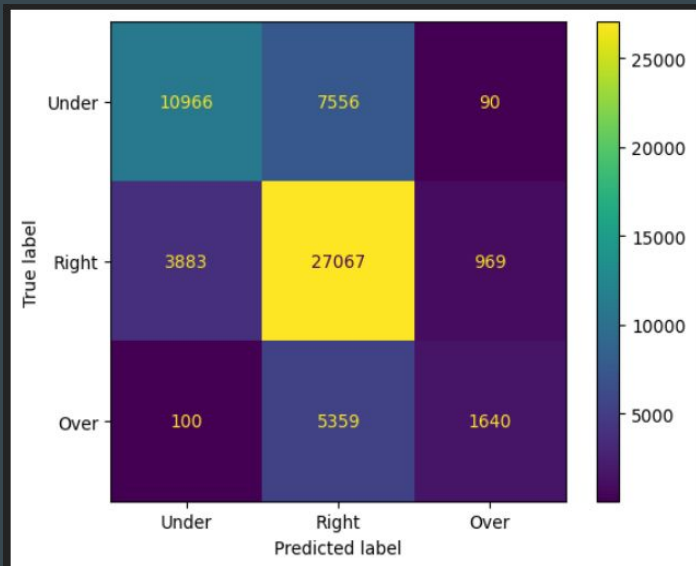
# Agenda:

- Business Questions
- Major findings
- Business Questions Answered
- What's next
- QnA

# Business Questions:

- Can we predict if a malpractice suit is six figures, less, or more using publicly available data?
- What are some import factors for figuring if a malpractice suit is six figures, less, or more?
- If you were to be a malpractice insurance company or a malpractice lawyer what should your marketing or sales target?

# Major Find : Logistic Regression Scores With 68%

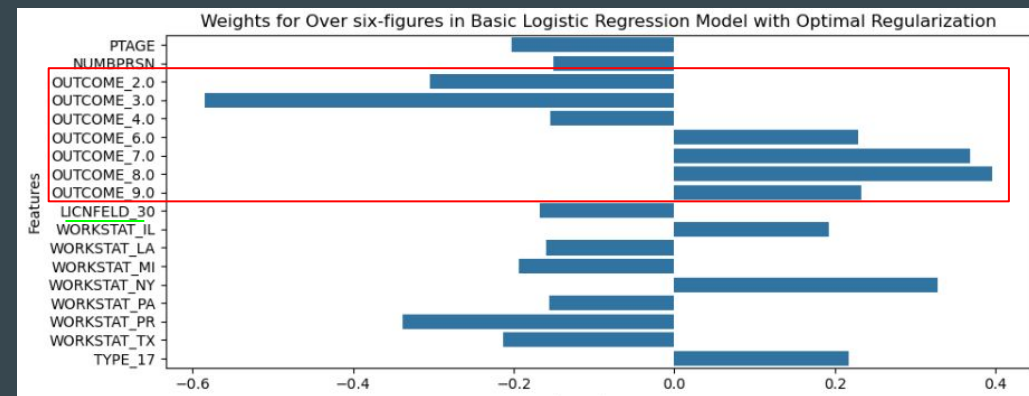


- Judging by accuracy an optimize logistic regression scores 68%
- We can see that this model is the best for predicting six-figure payments due to the class imbalance in data.

# Major Find : Outcome of Patient is the most important



Value	Label
1	Emotional Injury Only
2	Insignificant Injury
3	Minor Temporary Injury
4	Major Temporary Injury
5	Minor Permanent Injury
6	Significant Permanent Injury
7	Major Permanent Injury
8	Quadriplegic, Brain Damage, Lifelong Care
9	Death
10	Cannot Be Determined from Available Records



30

Dentist



## What's Next:

- Trying a regression model using the same methods in regressionary to get a more accurate prediction
- EDA Focused on important factors
- Models focused on just important categories

QnA