LIGHTYCAR INC.



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STAKE HOLDERS

ELON MUSK





OVERVIEW



DATA





DATA UNDERSTANDING

WHERE IT CAME FROM

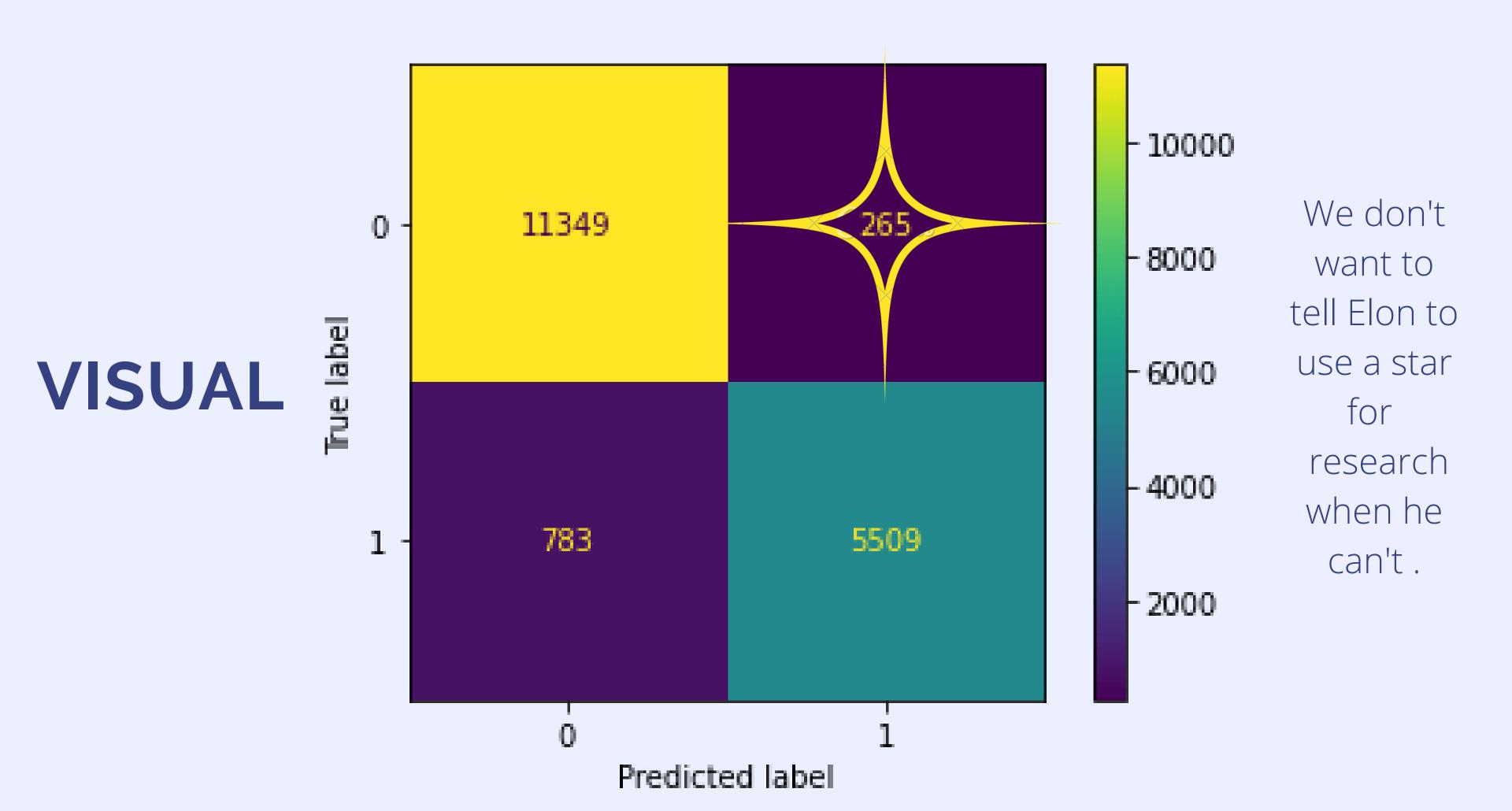
 European space agency's satellite also known as Hipparcos with over 70k entries (post cleaning)

HOW WE USED IT

- Filled the nulls of the numerical columns with the median
- Filled the nulls in the categorical columns with 'none'

FINAL MODEL

- We decided to use a Random Forest model which takes many different simpler models and combines them to get a more accurate prediction.
- Our model can predict accurately up to 94%
- We used 64 features to predict if a start is variable or not



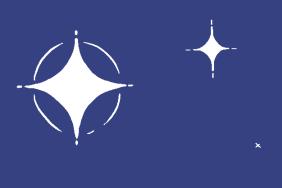
CONCLUSION

• ONLY SUGGEST STARS THAT OUR MODEL PREDICTED AS VARIABLE

• OUR MODEL IS NOT PERFECT

NEXT STEPS









More Models Explore
Different
Levels of
Variablity

Stronger

Domain

Expertise

THANK YOU

QUESTIONS?

