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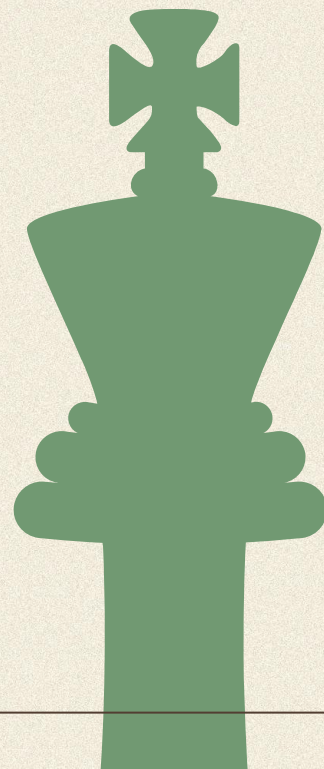
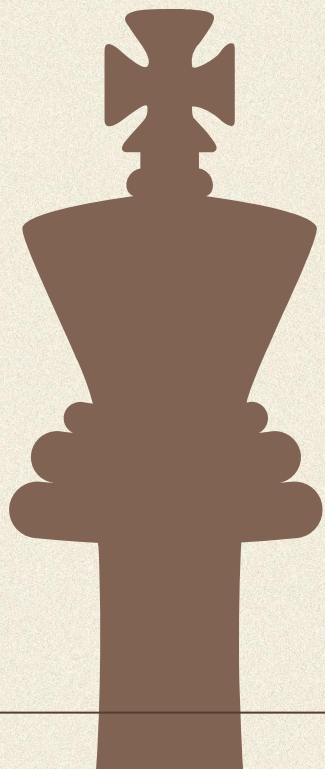
# CSC343

# Term Project

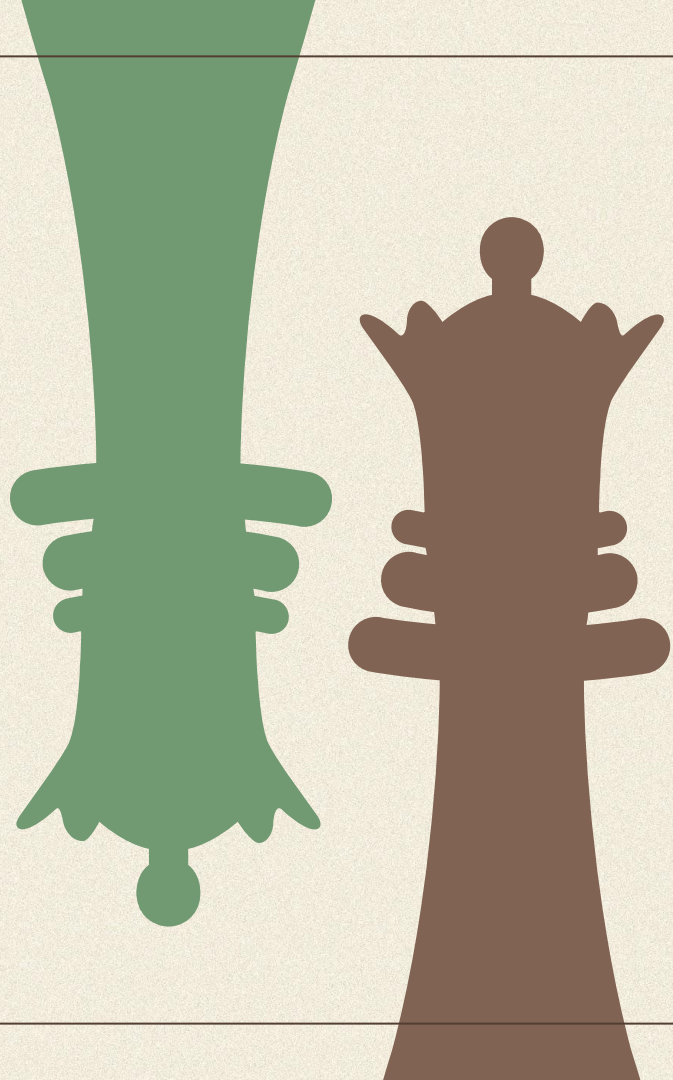
-- Research on Chess Games

Zhen Cheng, Junrui Chen

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# Domain

About 20,000 chess  
games' information,  
and the performance of  
chess opening.





# Investigative Questions

- (1) Which opening is the best to use in a chess game?
- (2) How does the time increment influence the game status?
- (3) Which of the combinations of pieces' color and player's rating is most likely to win a game?



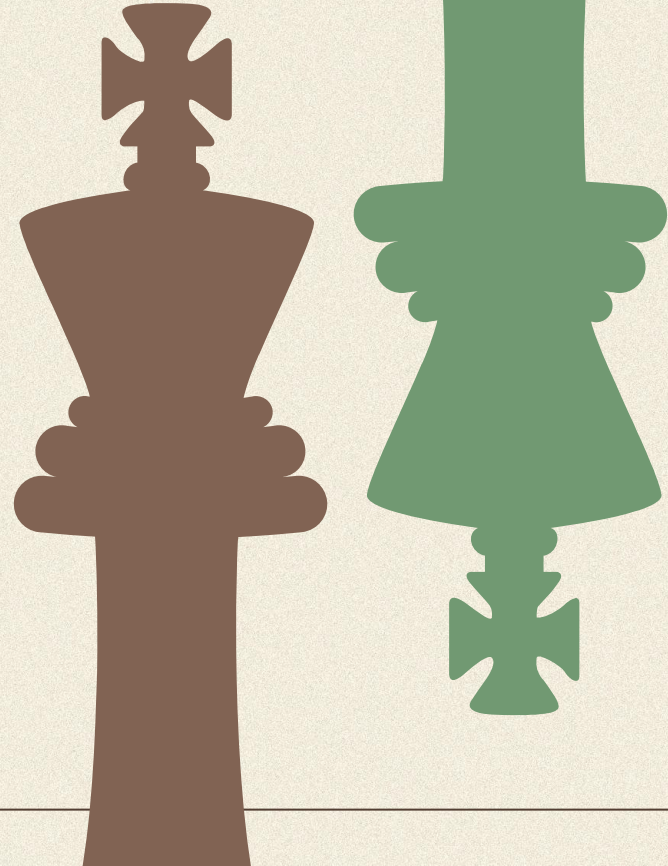
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- ☐ D20 Queen's gambit accepted
  - ..... D20 Queen's Gambit Accepted, 3.e4
  - ..... D20 Queen's Gambit Accepted, Linares variation
  - ..... D20 Queen's Gambit Accepted, Schwartz defence
- ☐ D21 Queen's Gambit Accepted, 3.Nf3
- ☐ D22 Queen's Gambit Accepted, Alekhine defence
- ☐ D23 Queen's gambit accepted
- ☐ D24 Queen's Gambit Accepted, 4.Nc3
- ☐ D25 Queen's Gambit Accepted, 4.e3
- ☐ D26 Queen's Gambit Accepted, 4...e6
- ☐ D27 Queen's Gambit Accepted, classical, 6...a6
- ☐ D28 Queen's Gambit Accepted, classical, 7.Qe2
- ☐ D29 Queen's Gambit Accepted, classical, 8...Bb7





For question 3, we figured out that players with a white piece whose ratings are higher than their opponents are most likely to win a game.







# Challenges

- (1) Didn't have enough table relations at first.
- (2) Unable to draw any pattern from the effect of time increment on game status.



The slide features several stylized chess pieces in green and brown. A large green king piece is centrally located. To its left, a brown queen piece is partially visible. Below the king, a brown knight piece is shown. To the right of the king, a brown rook piece is positioned. The background is a light beige color with a thin brown border. The word "Lessons" is written in a large, dark brown serif font.

# Lessons

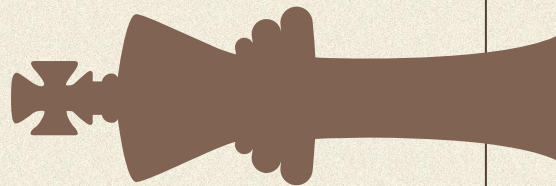
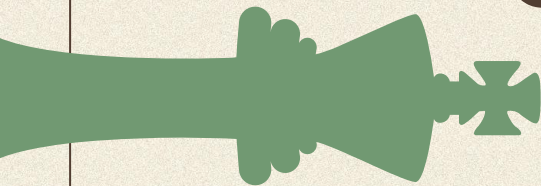
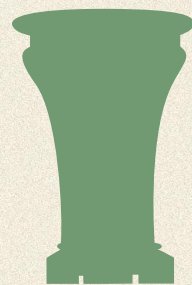
--What we learned about  
databases through this project.







# Questions?





# THANKS

## DO YOU HAVE ANY QUESTIONS?

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