

# Analysis of Chess Games

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## Overview

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Chess is a very complex game.

## Datasets

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## Possible Feature Generation

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### Use of Pieces

Use the move set to identify the frequency with which each player uses different pieces

## Methods of Analysis

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### Semantic Analysis

The games are annotated with commentary. This can be analyzed for sentiment and summed up to get an overall feel for the moves of each player.

### Classification of Win-Loss

Use opening, moves, and ratings to predict win or loss

### Prediction of Moves to Win

Use opening, moves, and ratings to predict the number of moves in the game

### Prediction of Win Condition

Predict the method by which the game ends.