### 2.2 Data Diagram

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#### 2.2.1 villains.csv

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Villain | Paper | Rock | Scissors | Games | Wins | Win:Loss Ratio | Strategy |
| Bones |  |  |  |  |  |  | Random |
| Gato |  |  |  |  |  |  | Random |
| Manny |  |  |  |  |  |  | Random |
| Mr. Modern |  |  |  |  |  |  | Random |
| Regal |  |  |  |  |  |  | Win Stats |
| The Boss |  |  |  |  |  |  | Cheater |
| Comic Hans |  |  |  |  |  |  | Lose Stats |
| Harry |  |  |  |  |  |  | Random |
| Mickey |  |  |  |  |  |  | Tie Stats |
| Pixie |  |  |  |  |  |  | Favors Paper |
| Spock |  |  |  |  |  |  | Favors Scissors |
| The Magician |  |  |  |  |  |  | No ties |
| Bowser |  |  |  |  |  |  | Random |

|  |  |
| --- | --- |
| Strategy Name | Description |
| Random | ⅓ chance of each |
| Cheater | Always wins |
| Win Stats | Plays the option most likely to win based off of player statistics |
| Lose Stats | Plays the option most likely to lose based off of player statistics |
| Tie Stats | Plays the option most likely to tie based off of player statistics |
| No ties | Never ties |
| Favors Scissors | Throws scissors 50% of the time |
| Favors Paper | Throws paper 90% of the time |

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