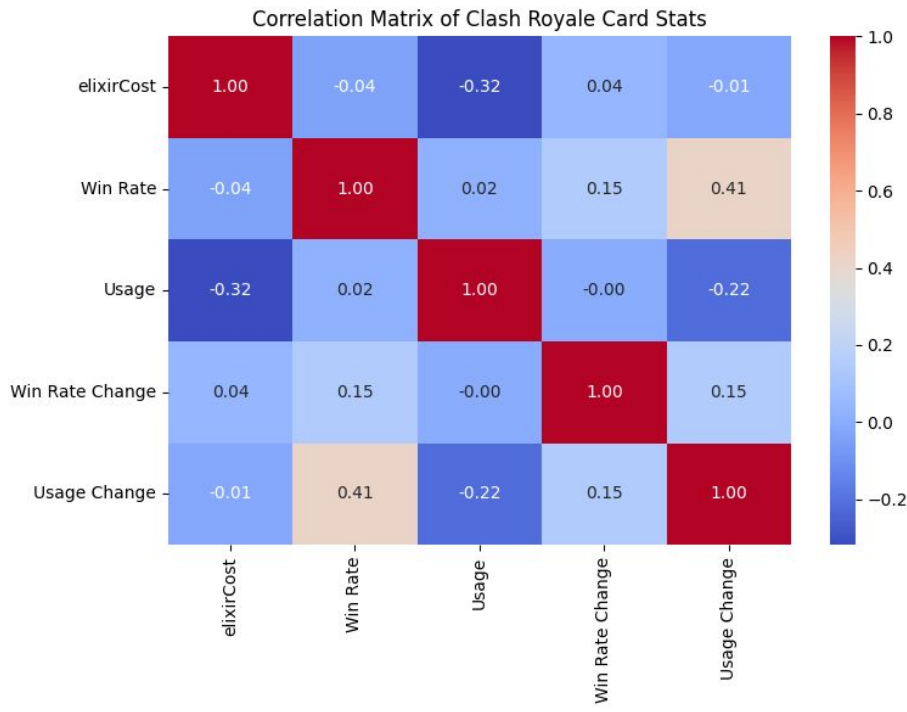# Journey to Top Ladder

STATISTICALLY ANALYZING WHAT WILL GIVE YOU THE BEST ODDS TO WIN IN CLASH ROYALE

What affects winning? (Correlation Matrix)
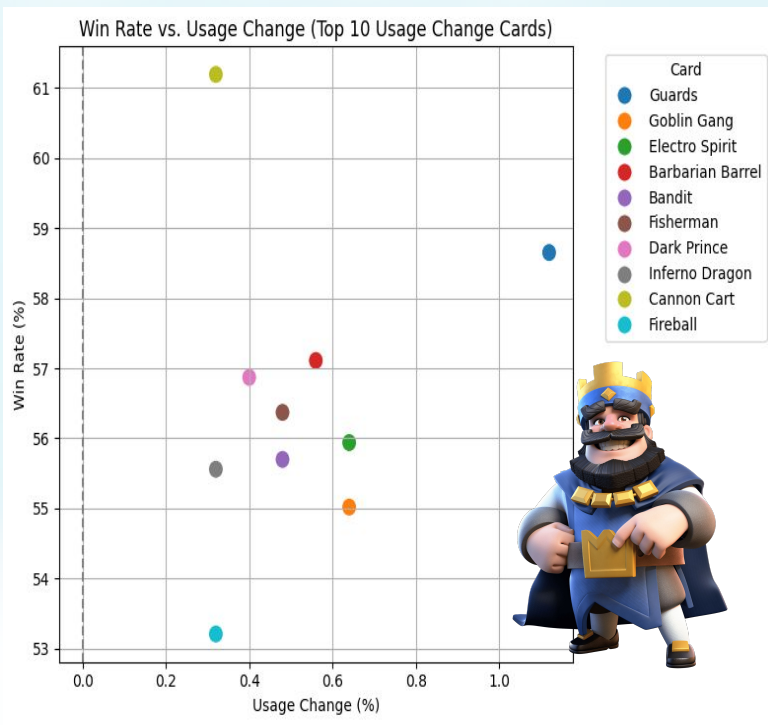

Correlation Matrix of Clash Royale Card Stats

Win Rate → Usage Change
- Changing popularity of cards affects winning most

Meta shifts? (Win rate vs Usage Change)
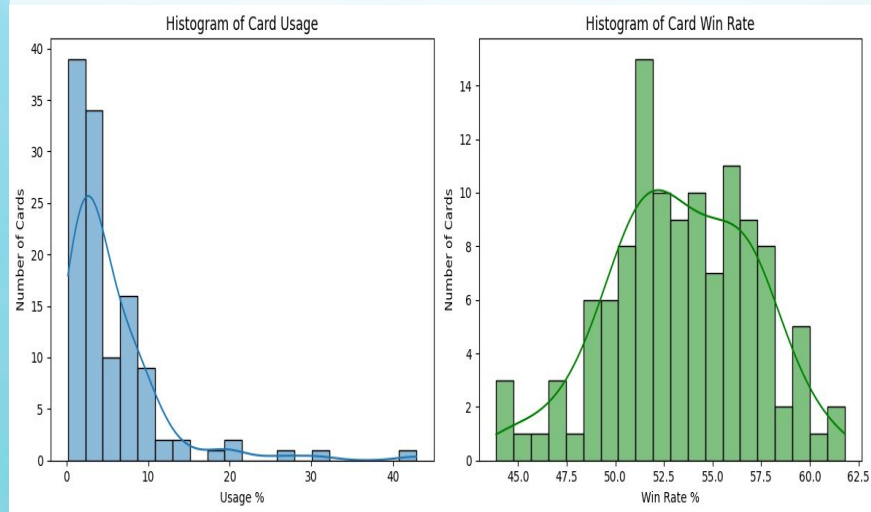
On the Rise

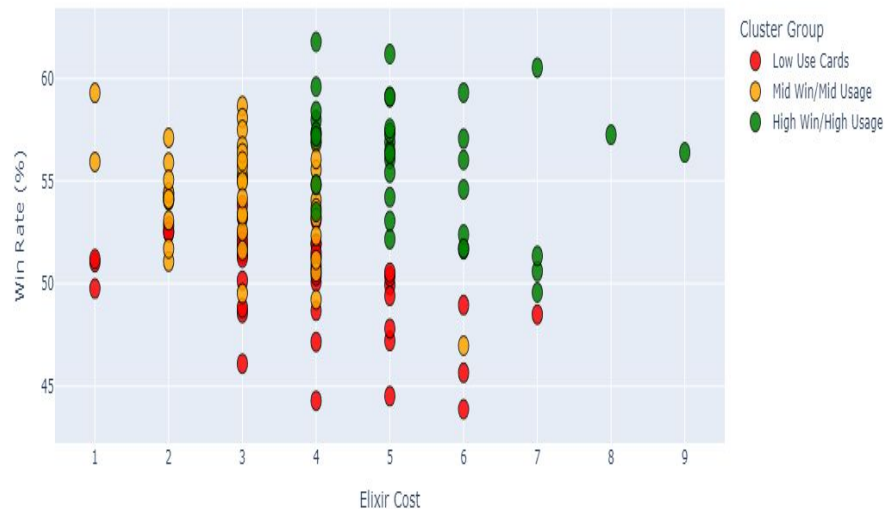Win Rate vs. Usage Change (Top 10 Usage Change Cards)

Card
- Guards
- Goblin Gang
- Electro Spirit
- Barbarian Barrel
- Bandit
- Fisherman
- Dark Prince
- Inferno Dragon
- Cannon Cart
- Fireball

Fell Off

Win Rate vs. Usage Change (Top 10 Falling Off Cards)

Card
- The Log
- Skeleton Army
- Goblin Barrel
- Ice Spirit
- Skeletons
- Valkyrie
- Witch
- Mega Knight
- Princess
- Cannon
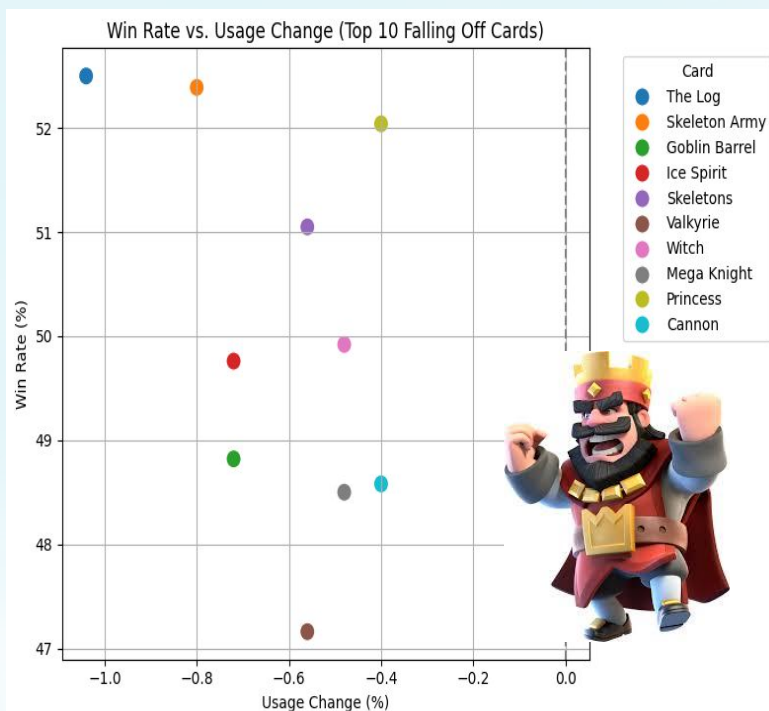
Card Distribution and K-Means

Histogram of Card Usage

Histogram of Card Win Rate

Clash Royale Cards: Elixir vs. Win Rate by K-Means Cluster

https://royaleapi.com/decks/popular?lang=en