DATA FROM CRICKET MATCHES

About the Data

- Ball-by-ball information for three different format of the game.
  - One Day International
  - T20
  - Test Cricket(Multi day game)
- Number of Matches for each format:
  - 1,233 One-day internationals
  - 804 T20 internationals
  - 345 Test matches
- Featuring 52 countries, 13 IPL(Indian Premier League) teams

About the Data conti...

- Data from 2005 to 17th of April, 2016
- Size: 350 MB
- Format: YML

- Source: http://cricsheet.org/

```yaml
    city: Southampton
    dates:
      - 2005-06-13
    match_type: T20
    outcome:
      by:
        runs: 100
      winner: England
    overs: 20
    player_of_match:
      - KP Pietersen
    teams:
      - England
      - Australia
    toss:
      decision: bat
      winner: England
    umpires:
      - NJ Llong
      - JW Lloyds
    venue: The Rose Bowl
innings:
  - 1st innings:
      team: England
      deliveries:
        - 0.1:
            batsman: ME Trescothick
            bowler: B Lee
            non_striker: GO Jones
            runs:
              batsman: 0
              extras: 0
              total: 0
```

Goals

- who are the best and worst value players in the IPL.
- how much difference different non-strikers make to the scoring rate of the people they bat with.
- no of 4 and 6 runs against : spinner, faster, medium pacer bowler.
- when does a particular batsman score good/bad.
  - During which over slot?
  - Against which type of bowler?
    - Right hand or left hand bowler
    - Spinner, faster or medium pacer
  - Against which country?
  - Where? Away or home country.
  - When? In first inning or second inning
- When is a bowler more effective in terms of wickets or in terms of economy.

Goals conti...

- Against whom does a bowler take a wicket?
  - A wicket of well settled batsman.
  - Wicket of a new batsman.
- What are the chances of getting out against a particular bowler?
- Who is going to perform well in this IPL, based on last year IPL and international performance.

Questions ?