



# Floxxus Case Study

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# The problem

## Introduction

**The given Dataset is of IPL 2013, and it contains data of most players who played in it and it has their performance details as well.**

## Context

Now, consider yourself to be the manager of a particular team, your job is to find the best possible insights from the data which can be useful for your team in the next auction. There's is no retainment policy and you are free to bid on any player of your choice.

Also, you are required to find as many insights as possible from the data

## Some of the insights

Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

## Age vs average sold price of players in that age

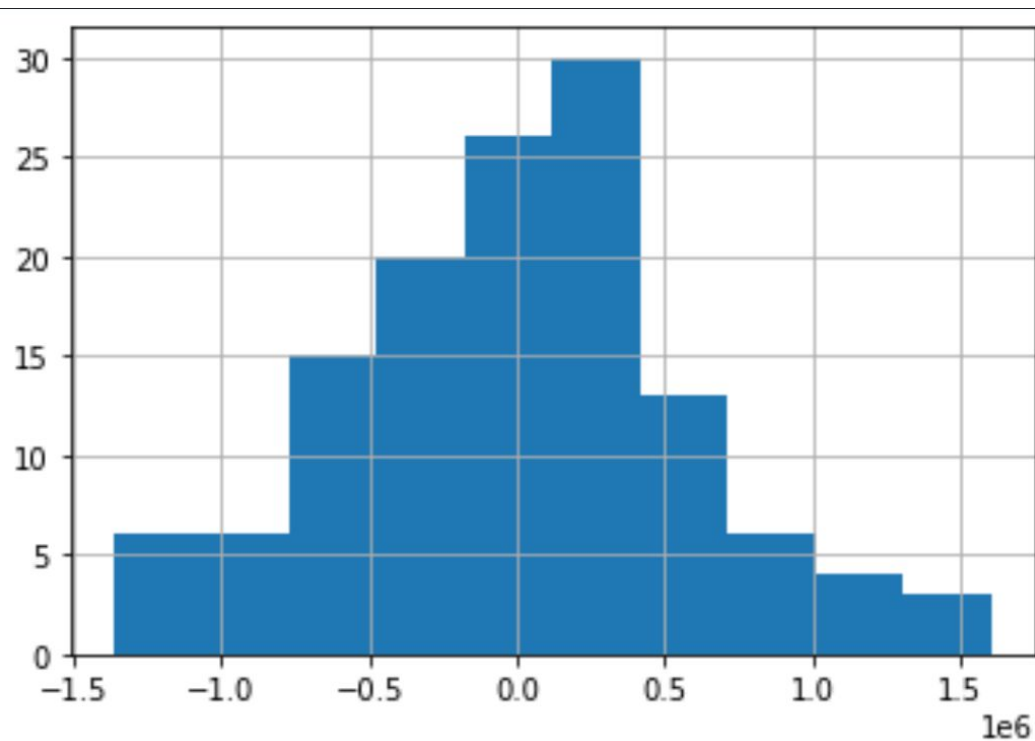
Row Labels	Average of SOLD PRICE
1	720250
2	484534.8837
3	520178.5714
(blank)	
<b>Grand Total</b>	<b>521223.0769</b>

# Age distribution wrt to price for different roles

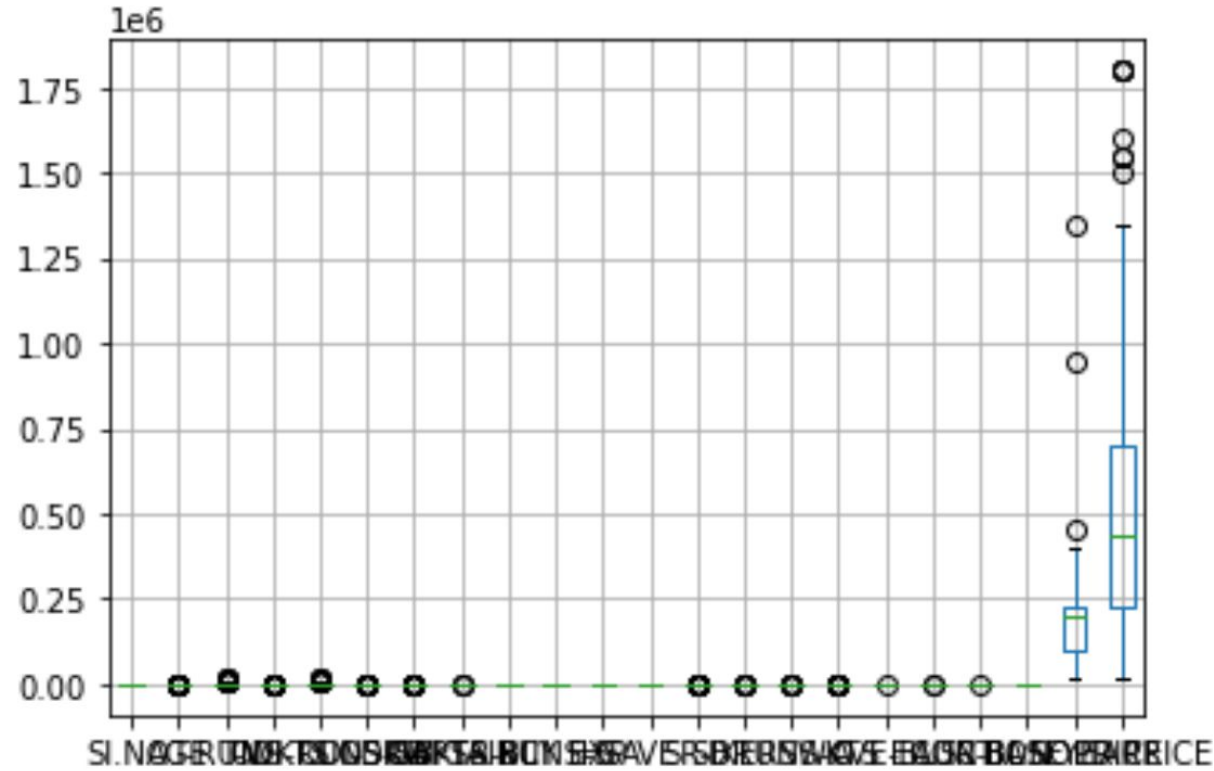
Sum of SOLD PRICE <div>Column Labels</div>				
Row Labels	1	2	3 (blank)	Grand Total
Allrounder	2350000	11235000	4600000	18185000
Batsman	5550000	13750000	5950000	25250000
Bowler	3624000	11540000	3315000	18479000
W. Keeper		5145000	700000	5845000
(blank)				
Grand Total	11524000	41670000	14565000	67759000

Average of SOLD PRICE <div>Column Labels</div>				
Row Labels	1	2	3 (blank)	Grand Total
Allrounder	587500	449400	766666.6667	519571.4286
Batsman	1110000	654761.9048	457692.3077	647435.8974
Bowler	517714.2857	397931.0345	414375	419977.2727
W. Keeper		467727.2727	700000	487083.3333
(blank)				
Grand Total	720250	484534.8837	520178.5714	521223.0769

## Histogram for sold price



# Box plot , to find the outliers of different parameters



SL.NO.	64.5000
AGE	0.0000
T-RUNS	2976.7500
T-WKTS	47.5000
ODI-RUNS-S	3450.2500
ODI-SR-B	21.1400
ODI-WKTS	106.0000
ODI-SR-BL	45.3250
CAPTAINCY EXP	1.0000
RUNS-S	886.2500
HS	57.7500
AVE	18.0475
SR-B	30.8650
SIXERS	28.7500
RUNS-C	689.2500
WKTS	23.7500
AVE-BL	35.5800
ECON	8.2475
SR-BL	26.2125
AUCTION YEAR	3.0000
BASE PRICE	125000.0000
SOLD PRICE	475000.0000

INTER QUARTILE VALUES OF DIFFERENT PARAMETERS

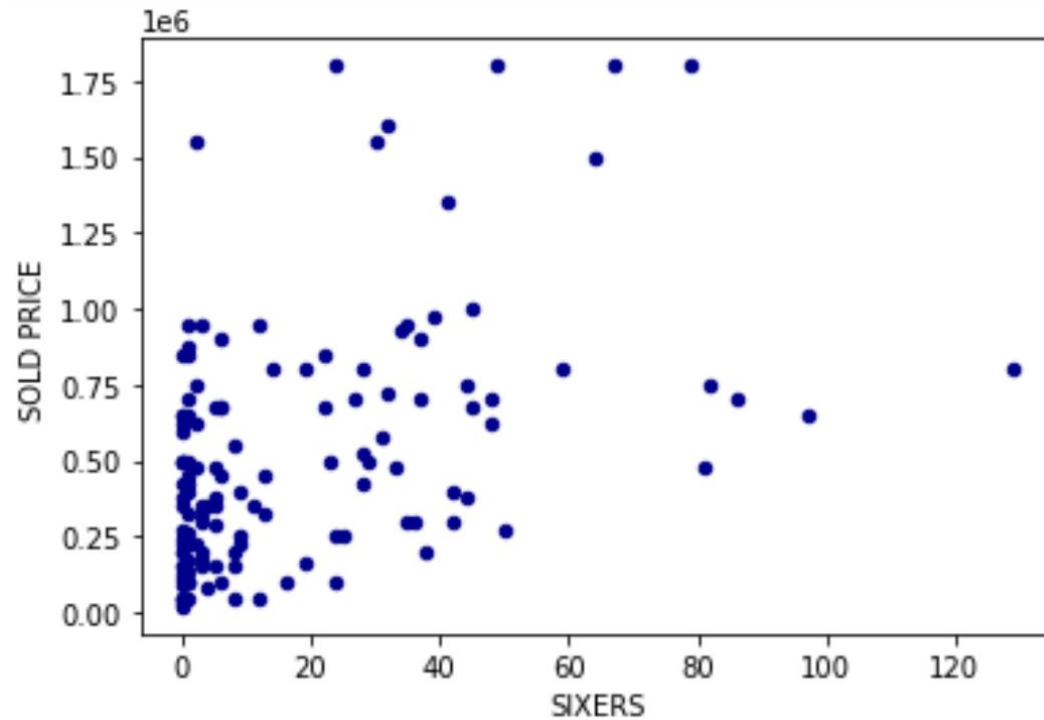
# Players with their playing roles who have sold price greater than \$1.35M

**All rounder** - Flintoff with sold price \$1550000  
- Symonds with sold price \$1350000

**Batsman** - Tendulkar with sold price \$1800000  
- Sehwag with sold price \$1800000  
- Kohli with sold price \$1800000  
- Yuvraj Singh with sold price \$1800000  
- Tiwary with sold price \$1600000  
- Pietersen with sold price \$1550000

**Wicket Keeper** - Dhoni with sold price \$1500000

## Scatter plot of b/w sold prices and sixes





## Useful insights

- Highest sold price player is Yuvraj Singh with price \$1800000
- Highest number of sixers is scored by Gayle (129 sixers)
- Highest number of T-Runs is scored by Sachin Tendulkar (15470 runs)
- Highest number of T-wickets by Muralitharan
- Highest number of ODI runs by Sachin Tendulkar (18426 runs)
- Highest ODI strike rate in bowling is Sharma (SR- 116.86)