Project Details and Data Source

Name of Project World cup Analysis

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Data Source – Data set is taken from Kaggle website, data is about FIFA world cup football

|  |  |
| --- | --- |
| Data tables | Rows and columns |
| Qatar\_group\_stage.csv | 48, 3 |
| Squad\_stats.csv | 32, 3 |
| TeamScore.csv | 32, 7 |
| Team 1 training.csv | 9321, 7 |
| Team 2 training.csv | 9321, 7 |
| Fifa21.csv | 18944, 8 |
| Int\_matches away.csv | 23921, 15 |
| Int\_matches home.csv | 23921, 15 |
| Fifa22\_22.csv | 15847, 20 |

Fifa22\_22 Description

|  |  |
| --- | --- |
| Column Name | Description |
| Date | Date of the match played |
| home\_team | Name of the home team |
| away\_team | Name of away team |
| home\_team\_continent,  away\_team\_continent | Column D and E contains names of continent the team belong to |
| home\_team\_fifa\_rank  away\_team\_fifa\_rank | Rank of the teams |
| home\_team\_total\_fifa\_points  away\_team\_total\_fifa\_points | Points in the FIFA contest to the teams |
| home\_team\_score  away\_team\_score | Score of teams |
| tournament | Name of the tournament they played |
| City, country,  neutral\_location | Location of the match |
| home\_team\_result | Result of the match |

Key Performance indicators

1. TEAM 1 VERSE TEAM 2 FIFA RANKING ABILITIES AND STRENGTH. (T1 VS T2) FOR THE SQUAD TEAMS.

DIAGRAM 1

At 20,805, Qatar had the highest Sum of Team1\_FIFA\_RANK and was 2,481.27% higher than Brazil, which had the lowest Sum of Team1\_FIFA\_RANK at 806.﻿ Sum of Team1\_FIFA\_RANK and total Sum of Team2\_FIFA\_RANK are positively correlated with each other.﻿ ﻿Qatar accounted for 11.24% of Sum of Team1\_FIFA\_RANK.﻿ ﻿Sum of Team1\_FIFA\_RANK and Sum of Team2\_FIFA\_RANK diverged the most for was Qatar. The total Sum of Team1\_FIFA\_RANK was 8195 higher than Sum of Team2\_FIFA\_RANK.

DIAGRAM 2

At 24987, Mexico had the highest Sum of Team1\_Offense and was 325.82% higher than Serbia, which had the lowest Sum of Team1\_Offense at 5868. ﻿Mexico accounted for 5.30% of Sum of Team1\_Offense.﻿ Sum of Team1\_Offense and Sum of Team2\_Offense diverged the most for USA. The Sum of Team1\_Offense was 12,475 higher than Sum of Team2\_Offense

Map

Description automatically generatedGraphical user interface, chart, application, line chart

Description automatically generated

1. OVERAL ABILITY & POTENTIAL OF THE SQUAD TEAMS

At 85.64, Brazil had the highest Sum of overall ability and was 20.93% higher than IR Iran, which had the lowest Sum of overall ability at 70.82. ﻿Sum of overall and total Sum of potential are positively correlated with each other. ﻿Brazil accounted for 3.40% of Sum of overall. ﻿Sum of potential and Sum of overall diverged the most when the most for USA, The combined Sum of potential is 7.46 higher than Sum of overall ability

Chart, line chart

Description automatically generated

1. SQUAD NATIONALITY COMPOSITION IN VALUE AND TOTAL EARNINGS PLUS REALEASE CLAUSE ASSESMENT

The graph tells us that the release clause, value, and wage per country, and we have used single cards which tells us average age, average height and average weight of players playing for a squad team,

Graphical user interface, application

Description automatically generated

1. SQUAD INDIVIDUAL PLAYER RATINGS

In this table first table tells us which player belongs to which country he belongs to and the players overall rating. Second table is about the players present value and how much his league team is paying him and if some other team wants him how much they have to pay to release the player. We have used a slicer in this page so we can easily check player by his home team.

Graphical user interface, table

Description automatically generated

1. COUNTRY WISE AVERAGES

In this page a pie chart is used to show how international teams have scored highest number of goals in international matches, and a decomposition tree is which shows squad stats average which then decomposed into teams and have average player rating in the country and number of players in the country were applied in tooltips.

Graphical user interface, application

Description automatically generated

1. PLAYER STATS BY LEAGUES

In this page we have total number of players in league and the average rating of the league team player rating. Other table tells us that player wage and over all rating depend on position for all the leagues.

Chart

Description automatically generated

1. PLAYER STATS BY AGE

This page we calculated average age of players that are playing and found that players in the age of early 20 to late 30 are in their top of the game, and also calculated average of players overall by age which tells us that when players age and their performance indicator.

Chart, bar chart, histogram

Description automatically generated

1. CHANGE IN WAGE AND OVER ALL BY PLAYER

In this page We have created table with shot name and change in overall from past year and wage difference from past year and the graph represent average change of wage change by overall change and we know that if the person overall decreased then the wage will reduce, and other graph tells us that the average wage with player overall

Chart

Description automatically generated

Measures and calculated columns

|  |  |  |  |
| --- | --- | --- | --- |
| No | Measure name | type | Done by |
| 1 | Age of players | Measure | Sriram |
| 2 | Average overall of player | Measure | Sriram |
| 3 | Average player rating | Measure | Sriram |
| 4 | AverageWage | Measure | Sriram |
| 5 | Players In Leagues | Measure | Sriram |
| 6 | Squad\_stats\_Average | Measure | Mithilesh |
| 7 | Top20players overall | Measure | Mithilesh |
| 8 | Total goals Team Scored | Measure | Mithilesh |
| 9 | TotalTeamScores | Measure | Mithilesh |
| 10 | ChangeInOverall | Column | Sriram |
| 11 | ChangeInWage | Column | Mithilesh |