

CHIN LERTVIPADA
64199130039

FIFA MARKET VALUE & WAGE

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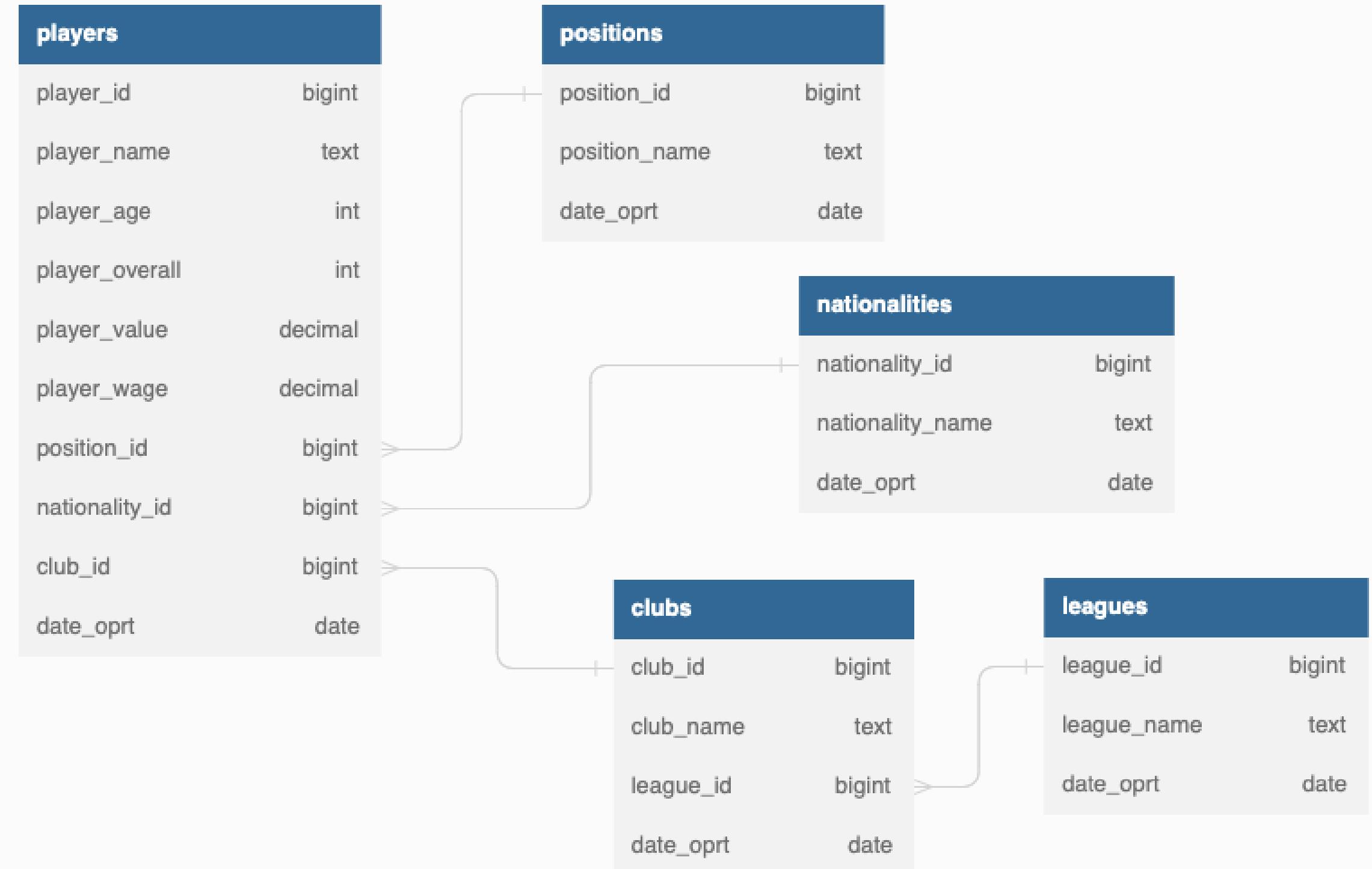
PROBLEM DEFINITION

- Most popular : Football
- Financial in football industry
- Cost for the club
- Overpayment
 - Market value
 - Wage
- Support Decision-making



DATA MODEL

DATALAKE



DATA MODEL

DATAWAREHOUSE

player_value_wage

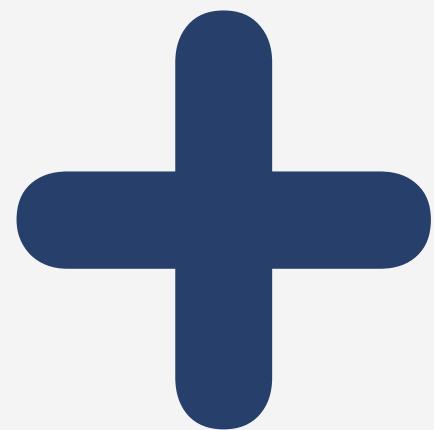
player_id	bigint
player_name	text
player_age	int
player_overall	int
player_value	decimal
player_wage	decimal
position_name	text
club_name	text
nationality_name	text
league_name	text
date_opt	date



dbdiagram.io

WORKFLOW

Data Pipeline



Airflow :

- automate
- schedule
- control

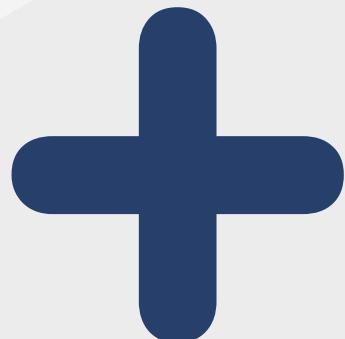


SOURCE DATA

- Raw data (csv)
- S3 : landing zone
- Place by other process

DATAWAREHOUSE

- Merge Datalake
- Output 1 table
- Partition 'date_oprt'
- Redshift
- Python



CLOUD ENV

- Using AWS
- S3
 - Redshift

DATALAKE

- ETL raw data
- Output 5 tables (csv)
- Partition 'date_oprt'
- S3 : cleaned zone
- PySpark

DASHBOARD

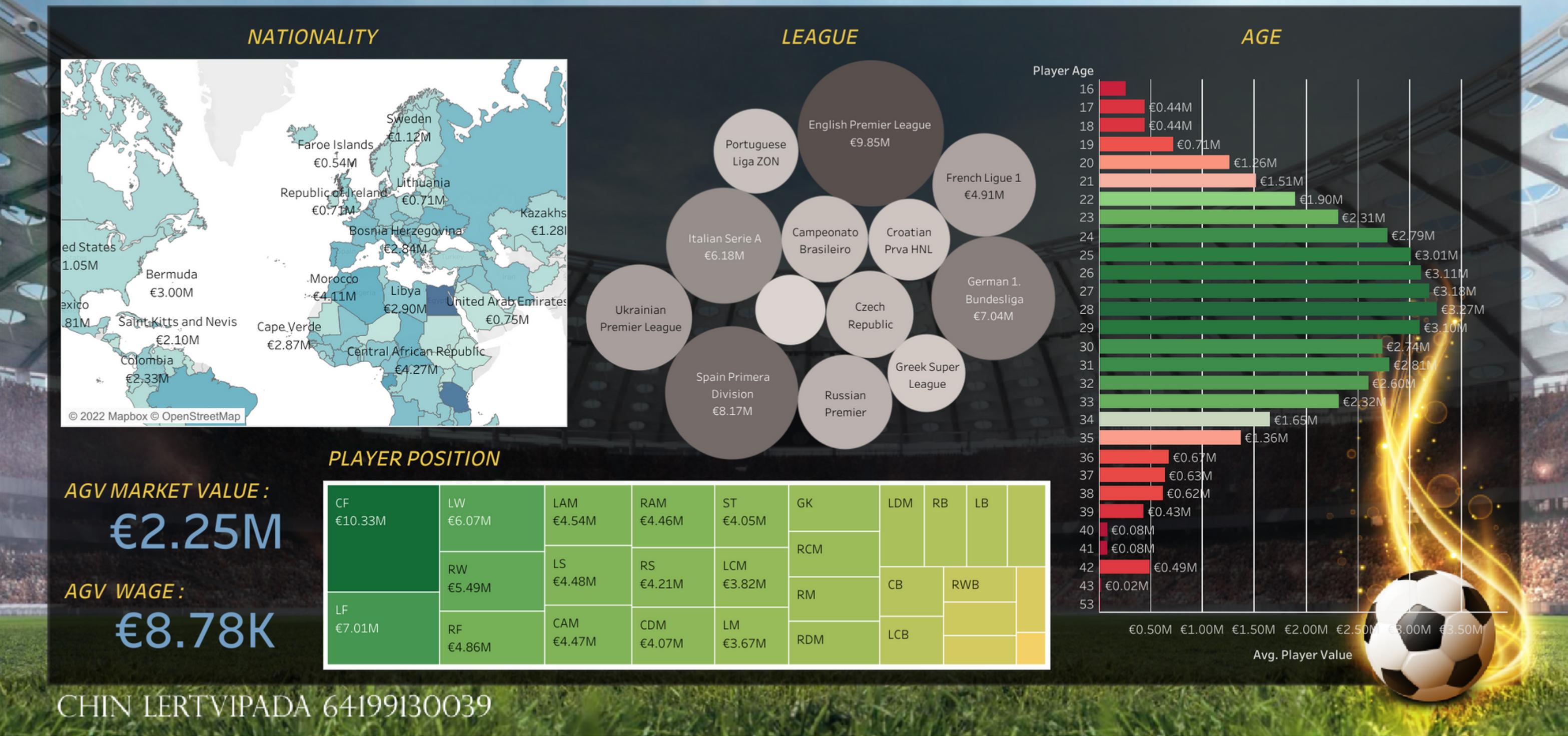
- Using Tableau
- Nationality
 - League
 - Age
 - Position

DASHBOARD



FIFA 21 MARKET VALUE & WAGE

DATA SOURCE : [HTTPS://DATA.WORLD/RAGHAV333/FIFA-PLAYERS](https://data.world/raghav333/FIFA-PLAYERS)





THANK YOU

