

The Concept of Our DataBase Project



Title: FC Barcelona Financial Situation for 2023/2024

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Short Description: This project develops a relational database to analyze **FC Barcelona's financial activities for the 2023/2024 season**. It focuses on major **revenue** streams like **sponsorships, merchandising, and player transfers** while accounting for **expenses** such as **player salaries and operational costs**. The aim is to provide insights into the club's financial stability and identify critical trends.

Used Data Source and Tools:

Data Sources:

- **FC Barcelona Annual Report 2023/2024**
(https://www.fcbarcelona.com/fcbarcelona/document/2024/10/19/0de3fef1-ef59-43ae-962a-91f7ac13ad60/MEM_2023_24_ENG-web-1.pdf)
- **FC Barcelona's sponsorship deal announcement with Nike**
(https://www.bing.com/search?pglt=2467&q=FC+Barcelona+Announces+New+Nike+Record+Sponsorship+Deal+forbes&cvid=7dff4ff9b9d4c72a5e39913806c035a&gs_lcrp=EgRIZGdlKgYIABBFgdKyBggAEUYOTIGCAEQRRg80gEINDU1OGowajGoAgiwAgE&FORM=ANNTA1&PC=EDGEDSE)
- **Transfer data and financial insights from Transfermarkt** (https://www.transfermarkt.com/fc-barcelona/transfers/verein/131/saison_id/.com)

Tools:

- Microsoft SQL Server,
- MSSM /DBeaver for database implementation and querying,
- Microsoft PowerPoint for presentation,
- Python.

The Diagram of DataBase Used:

- **SponsorshipDeals:** SponsorID, SponsorName, StartYear, EndYear, AnnualValue
- **Revenues:** RevenueID, Season, Category, Amount
- **Expenses:** ExpenseID, Season, Category, Amount
- **PlayerTransfers:** TransferID, PlayerName, TransferType, TransferFee, Season

Problems and Risks that may arise:

- Incomplete or outdated financial data,
- Over-reliance on secondary sources lacking official verification,
- Potential normalization and consistency issues when designing large-scale databases.