

Analysis of Social Network

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The Network

- › Football players that played in the last five World Cup tournaments for the Turkish National team (2006-2022).
- › Football players are vertices and playing together in a tournament creates a link between them.

Research Question

- › Who would be the first person we would call when we wanted to play an exhibition match among the players of the Turkish National Football Team who played in the last 5 World Championship tournaments (2006-2022)?

Network Characteristics

- › Playing in a game doesn't make a sender or receiver relationship so this network is undirected.
- › Vertices are the Football Players from tournaments since the Turkish National team doesn't accept everybody the network is bounded.

Data Collection Instrument/Method

- › Our data will be handpicked from the [transfermarkt.com](https://www.transfermarkt.com) website.
- › This is because the Football Players that played in the tournaments are already determined, and they are in the [transfermarkt.com](https://www.transfermarkt.com).

Measures We Will be Using

- › Degree Centrality
- › Betweenness Centrality