

College Basketball Data | Starter Pack Guide

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College Basketball Data Starter Pack

Data Dictionary

This document summarizes the structure and purpose of each CSV file included in the Starter Pack. It's designed to help you navigate the dataset and understand how to join and use the data effectively.

Metadata Files

conferences.csv

- **name:** Full name of the conference
- **abbreviation:** Conference abbreviation (e.g. SEC, B1G)
- **short_name:** Short label (e.g. Big Ten)

teams.csv

Master reference of all teams with metadata. Includes conference, home venue information, colors, and IDs.

Game-Level Data

games.csv

Master list of games from 2003-2025. Includes team IDs, game types (regular vs tournament), points, seedings, and venue information.

team_game_stats/ YYYY.csv

Per-team, per-game raw and advanced stats from 2005-2025. Points breakdowns, rebounds, assists, turnovers, field goal percentages, Four Factors, opponent stats, and more.

player_game_stats/ YYYY.csv

Per-player, per-game raw and advanced stats from 2005-2025. Points, minutes,, rebounds, assists, turnovers, field goal percentages, Four Factors, and more.

Season-Level Data

team_season_stats/YYYY.csv

Season-long raw and advanced team stats from 2005-2025. Points breakdowns, rebounds, assists, turnovers, field goal percentages, Four Factors, pace, opponent stats, and more.

player_season_stats/YYYY.csv

Season-long raw and advanced player stats from 2005-2025. Points, minutes,, rebounds, assists, turnovers, field goal percentages, Four Factors, PORPAG, net ratings, win shares, and more.

team_season_shooting_stats/YYYY.csv

Season-long team shot breakdowns from 2014-2025. Total tracked shots, tip-ins, dunks, layups, jumpers, 3-pointers.

player_season_shooting_stats/YYYY.csv

Season-long player shot breakdowns from 2014-2025. Total tracked shots, tip-ins, dunks, layups, jumpers, 3-pointers.

Relationships & Integration Tips

- Use game IDs to join games → team stats → player stats
- Use team IDs to join team stats with teams.csv
- The season value refers to the last year in a season (e.g. **2025** refers to **2024-25** season)

Thank you for supporting this project on Gumroad! Your support helps keep this data available and growing. If you have questions, feedback, or ideas, hop into the Discord or join one of our regularly scheduled Office Hours sessions.

For updates, new tools, or additional data (such as play and lineup data), visit collegebasketballdata.com.