

NBA 2K25 Player Ratings

[ECON 5753] — *University of Arkansas*

The NBA 2k25 information about a player (team, salary, years in nba) and their ratings.

Table 1: Codebook

variable	description
name	Player's name
team	Player's team
nationality_1	Player's nationality
jersey_number	Player's jersey number
position_1	Player's main position
position_2	Player's secondary position
archetype	String containing player's 'archetype'
height_ft	Player's height in feet
weight_lb	Player's weight in pounds
wingspan_ft	Player's wingspan in feet
season_salary	Player's annual salary
years_in_the_nba	How long a player has played in the NBA
birthdate	Player's birthdate
rating_overall	Player's rating in 'Overall'
rating_close_shot	Player's rating in 'Close Shot'
rating_mid_range_shot	Player's rating in 'Mid Range Shot'
rating_three_point_shot	Player's rating in 'Three Point Shot'
rating_free_throw	Player's rating in 'Free Throw'
rating_shot_iq	Player's rating in 'Shot Iq'

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Table 1: Codebook (Continued)

rating_speed	Player's rating in 'Speed'
rating_agility	Player's rating in 'Agility'
rating_strength	Player's rating in 'Strength'
rating_stamina	Player's rating in 'Stamina'
rating_overall_durability	Player's rating in 'Overall Durability'
rating_pass_accuracy	Player's rating in 'Pass Accuracy'
rating_ball_handle	Player's rating in 'Ball Handle'
rating_pass_iq	Player's rating in 'Pass Iq'
rating_group_defense	Player's rating in 'Group Defense'
rating_interior_defense	Player's rating in 'Interior Defense'
rating_perimeter_defense	Player's rating in 'Perimeter Defense'
rating_steal	Player's rating in 'Steal'
rating_block	Player's rating in 'Block'
rating_offensive_rebound	Player's rating in 'Offensive Rebound'
rating_defensive_rebound	Player's rating in 'Defensive Rebound'
age	Player's age
points	Player's number of points scored in 23-24 season
games_played	Player's number of games played in 23-24 season
games_started	Player's number of games started in 23-24 season
minutes_played	Player's number of minutes played in 23-24 season

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Table 1: Codebook (Continued)

field_goals	Player's number of field goals scored in 23-24 season
field_goal_attempts	Player's number of field goals attempted in 23-24 season
field_goal_percentage	Player's field goal percentage in 23-24 season
three_pointers	Player's number of three pointers scored in 23-24 season
three_point_attempts	Player's number of three pointers attempted in 23-24 season
three_point_percentage	Player's three pointer percentage in 23-24 season
two_pointers	Player's number of two pointers scored in 23-24 season
two_point_attempts	Player's number of two pointers attempted in 23-24 season
two_point_percentage	Player's two pointer percentage in 23-24 season
effective_field_goal_percentage	Player's effective field goal percentage in 23-24 season
free_throws	Player's number of free point shots scored in 23-24 season
free_throw_attempts	Player's number of free point shots attempted in 23-24 season
free_throw_percentage	Player's free point shot percentage in 23-24 season

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Table 1: Codebook (Continued)

offensive_rebounds	Player's number of offensive rebounds in 23-24 season
defensive_rebounds	Player's number of defensive rebounds in 23-24 season
total_rebounds	Player's number of total rebounds in 23-24 season
assists	Player's number of assists in 23-24 season
steals	Player's number of steals in 23-24 season
blocks	Player's number of blocks in 23-24 season
turnovers	Player's number of turnovers in 23-24 season
personal_fouls	Player's number of personal fouls in 23-24 season

Preview of data:

Rows: 520

Columns: 60

\$ name	<chr> "Aaron Gordon", "Aaron Holiday", "Aaro~
\$ team	<chr> "Denver Nuggets", "Houston Rockets", "~
\$ nationality_1	<chr> "United States", "United States", "Uni~
\$ jersey_number	<chr> "32", "0", "23", "21", "14", "21", "30~
\$ position_1	<chr> "PF", "PG", "SF", "PF", "SG", "C", "C"~
\$ position_2	<chr> NA, "SG", "PF", "SF", "PG", "PF", NA, ~
\$ archetype	<chr> "2-Way Interior Scorer", "Perimeter Sh~
\$ height_ft	<chr> "6'8\""", "6'0\""", "6'5\""", "6'5\""", "6~
\$ weight_lb	<dbl> 235, 185, 215, 190, 180, 245, 245, 190~
\$ wingspan_ft	<chr> "7'0\""", "6'8\""", "6'10\""", "6'10\""", ~
\$ season_salary	<dbl> 22841455, 4668000, 11000000, 10514017,~
\$ years_in_the_nba	<dbl> 11, 7, 5, 4, 2, 2, 1, 3, 1, 4, 1, 18, ~
\$ birthdate	<date> 1995-09-16, 1996-09-30, 1999-10-16, 1~
\$ rating_overall	<dbl> 84, 73, 78, 78, 67, 68, 69, 72, 69, 71~
\$ rating_close_shot	<dbl> 84, 95, 90, 89, 77, 72, 70, 60, 74, 57~
\$ rating_mid_range_shot	<dbl> 61, 74, 86, 68, 77, 70, 37, 80, 74, 68~
\$ rating_three_point_shot	<dbl> 71, 82, 85, 87, 79, 69, 27, 85, 74, 70~
\$ rating_free_throw	<dbl> 56, 84, 64, 75, 81, 72, 66, 90, 75, 55~
\$ rating_shot_iq	<dbl> 75, 85, 70, 70, 65, 60, 40, 75, 65, 85~
\$ rating_speed	<dbl> 71, 76, 68, 84, 72, 70, 82, 69, 83, 74~
\$ rating_agility	<dbl> 86, 77, 76, 84, 70, 68, 68, 69, 79, 74~
\$ rating_strength	<dbl> 72, 49, 52, 45, 47, 71, 73, 42, 39, 34~
\$ rating_stamina	<dbl> 95, 85, 87, 80, 84, 80, 84, 80, 80, 85~
\$ rating_overall_durability	<dbl> 84, 84, 81, 80, 87, 80, 80, 80, 80, 80~
\$ rating_pass_accuracy	<dbl> 65, 82, 69, 68, 66, 52, 40, 61, 64, 62~
\$ rating_ball_handle	<dbl> 62, 86, 70, 70, 69, 50, 52, 70, 86, 69~
\$ rating_pass_iq	<dbl> 60, 82, 65, 68, 62, 50, 40, 68, 63, 64~

\$ rating_group_defense	<dbl> 73, 52, 63, 56, 45, 51, 61, 47, 46, 56~
\$ rating_interior_defense	<dbl> 80, 34, 72, 48, 42, 63, 70, 40, 49, 48~
\$ rating_perimeter_defense	<dbl> 86, 68, 76, 59, 57, 40, 37, 63, 56, 60~
\$ rating_steal	<dbl> 40, 46, 43, 66, 45, 46, 70, 33, 46, 83~
\$ rating_block	<dbl> 56, 35, 60, 53, 30, 56, 67, 40, 44, 25~
\$ rating_offensive_rebound	<dbl> 73, 34, 42, 53, 32, 70, 70, 33, 57, 49~
\$ rating_defensive_rebound	<dbl> 73, 46, 55, 52, 37, 74, 70, 48, 51, 56~
\$ age	<dbl> 28, 27, 24, 25, 24, 21, NA, 24, NA, 23~
\$ points	<dbl> 13.9, 6.6, 12.2, 6.9, 1.5, 4.0, NA, 4.~
\$ games_played	<dbl> 73, 78, 72, 78, 2, 9, NA, 56, NA, 42, ~
\$ games_started	<dbl> 73, 1, 47, 4, 0, 0, NA, 0, NA, 0, NA, ~
\$ minutes_played	<dbl> 31.5, 16.3, 27.7, 15.7, 7.0, 7.3, NA, ~
\$ field_goals	<dbl> 5.5, 2.4, 4.4, 2.7, 0.5, 1.6, NA, 1.5,~
\$ field_goal_attempts	<dbl> 9.8, 5.3, 8.8, 4.8, 3.5, 3.0, NA, 3.5,~
\$ field_goal_percentage	<dbl> 0.556, 0.446, 0.496, 0.562, 0.143, 0.5~
\$ three_pointers	<dbl> 0.5, 1.1, 1.9, 0.8, 0.5, 0.0, NA, 1.2,~
\$ three_point_attempts	<dbl> 1.9, 2.8, 4.6, 1.6, 3.0, 0.0, NA, 3.0,~
\$ three_point_percentage	<dbl> 0.290, 0.387, 0.419, 0.492, 0.167, 0.0~
\$ two_pointers	<dbl> 4.9, 1.3, 2.4, 1.9, 0.0, 1.6, NA, 0.3,~
\$ two_point_attempts	<dbl> 7.9, 2.6, 4.2, 3.2, 0.5, 3.0, NA, 0.5,~
\$ two_point_percentage	<dbl> 0.619, 0.510, 0.581, 0.598, 0.000, 0.5~
\$ effective_field_goal_percentage	<dbl> 0.584, 0.547, 0.606, 0.645, 0.214, 0.5~
\$ free_throws	<dbl> 2.4, 0.7, 1.5, 0.7, 0.0, 0.9, NA, 0.3,~
\$ free_throw_attempts	<dbl> 3.7, 0.8, 1.9, 0.9, 0.0, 1.3, NA, 0.3,~
\$ free_throw_percentage	<dbl> 0.658, 0.921, 0.781, 0.789, 0.000, 0.6~
\$ offensive_rebounds	<dbl> 2.4, 0.3, 0.9, 0.8, 0.0, 2.1, NA, 0.2,~
\$ defensive_rebounds	<dbl> 4.1, 1.3, 2.9, 1.6, 0.0, 1.9, NA, 1.0,~
\$ total_rebounds	<dbl> 6.5, 1.6, 3.8, 2.4, 0.0, 4.0, NA, 1.1,~
\$ assists	<dbl> 3.5, 1.8, 1.5, 1.1, 2.0, 0.0, NA, 0.5,~
\$ steals	<dbl> 0.8, 0.5, 0.9, 0.7, 0.0, 0.1, NA, 0.2,~

\$ blocks	<dbl> 0.6, 0.1, 0.7, 0.2, 0.0, 0.0, NA, 0.1,~
\$ turnovers	<dbl> 1.4, 0.7, 0.9, 0.7, 0.0, 0.6, NA, 0.2,~
\$ personal_fouls	<dbl> 1.9, 1.6, 3.3, 1.2, 0.0, 0.6, NA, 0.9,~