Assignment 1

Presented by:
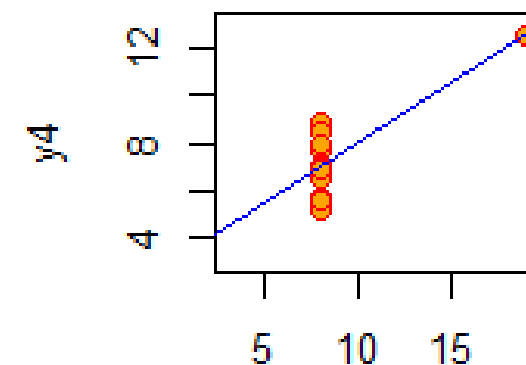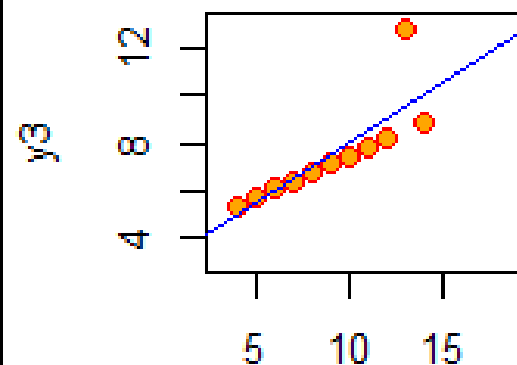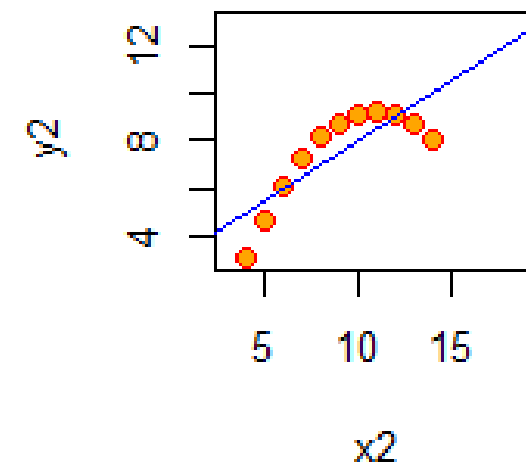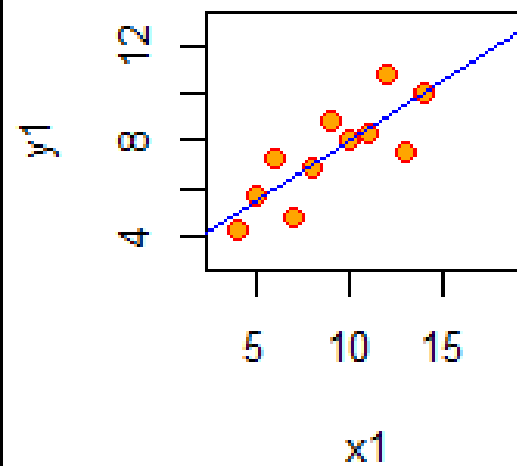
Sharon Jepkosgei

EPPS 6356

QUESTION 1

Anscombe's examples
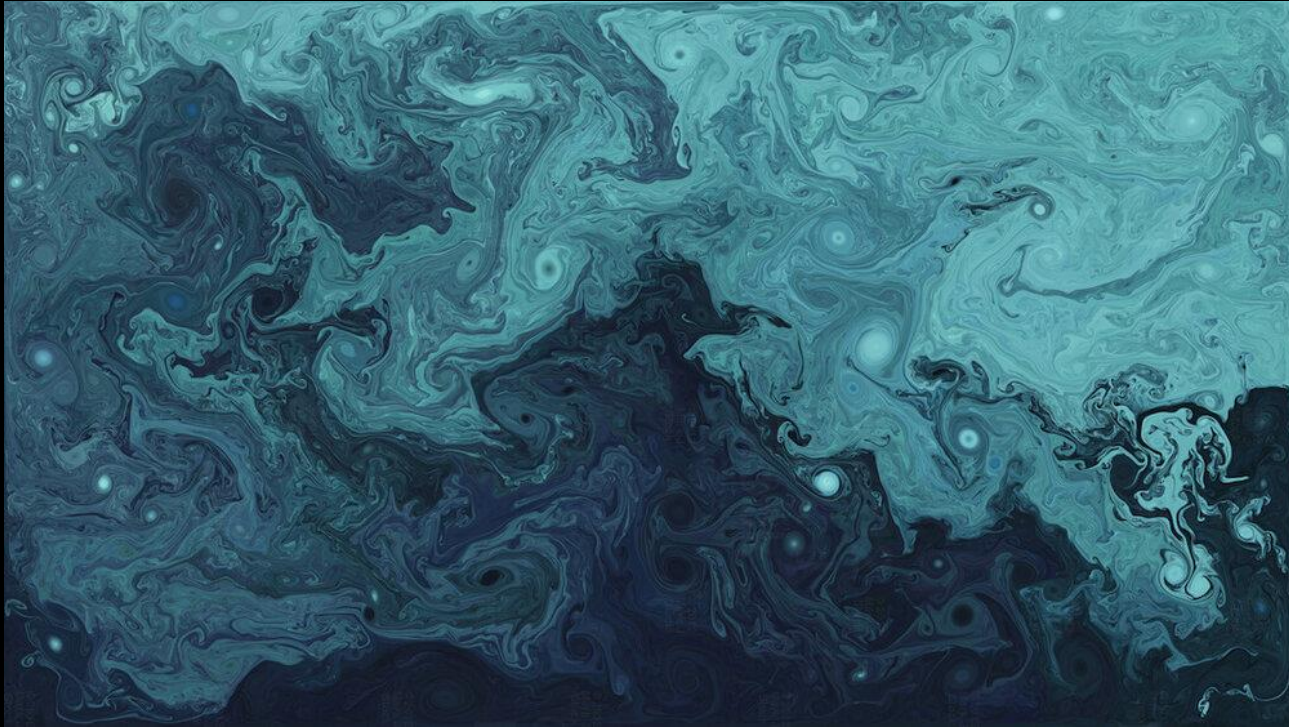

Anscombe's 4 Regression data sets

QUESTION 2

- Uses algorithms a*nd computer programs*
- *Relies on code and math*
- *Music, images, video games, animations*

Jon McCormack, *Fifty Sisters*

Gyre 35700 by Mark Stock.

Question 3

FALL

Sienna
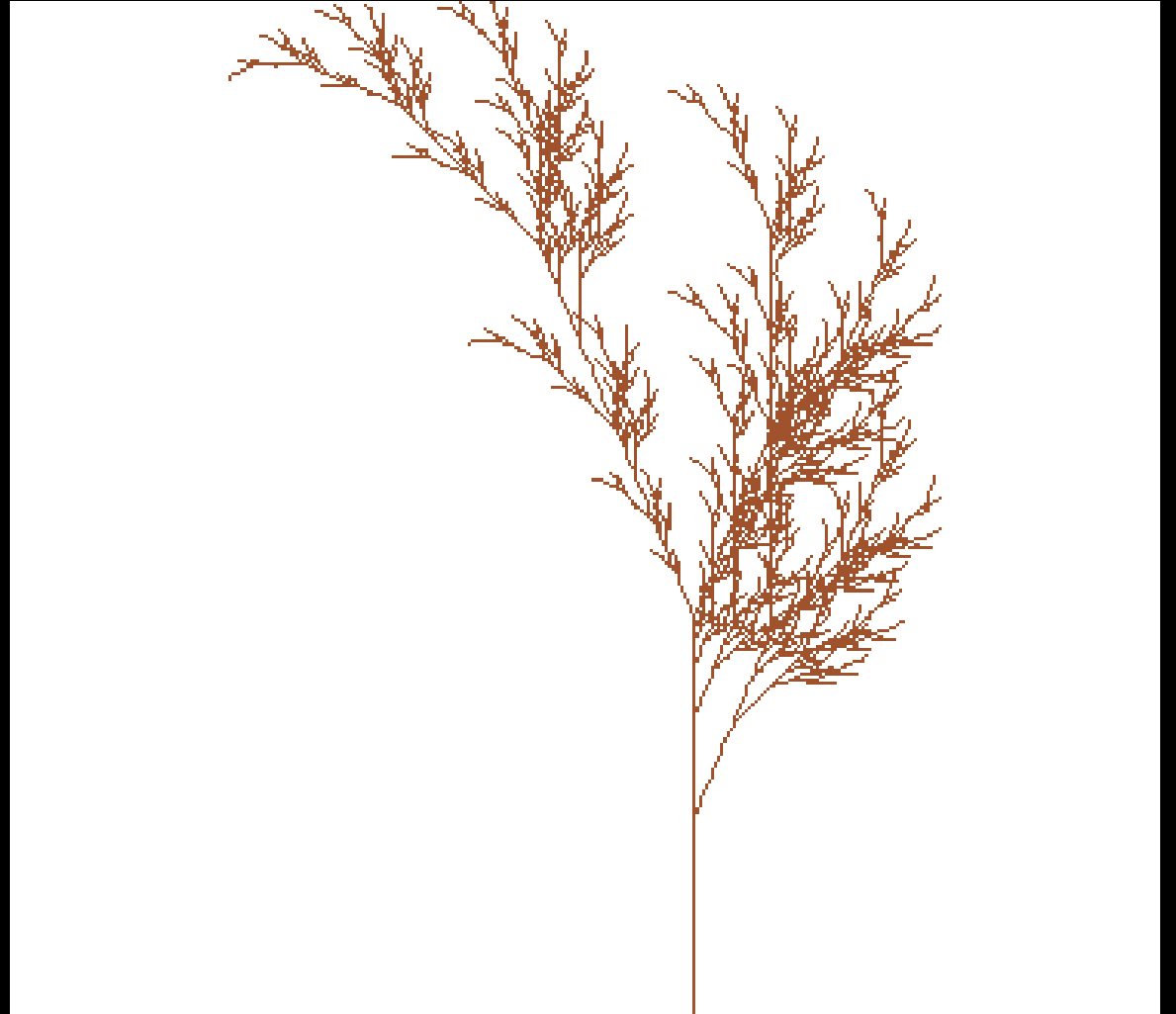
SPRINGS

Forest green
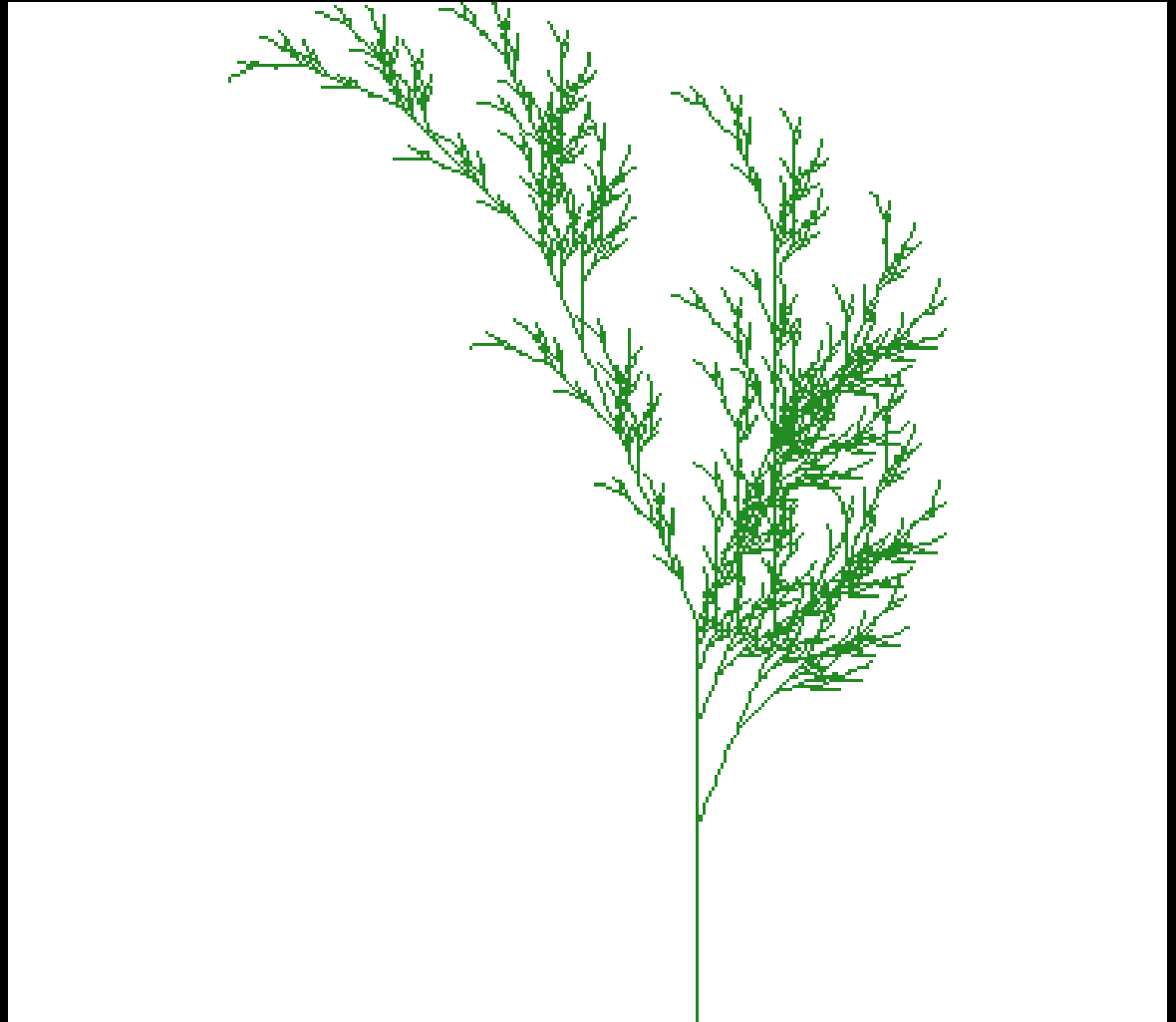
WINTER

Sky blue
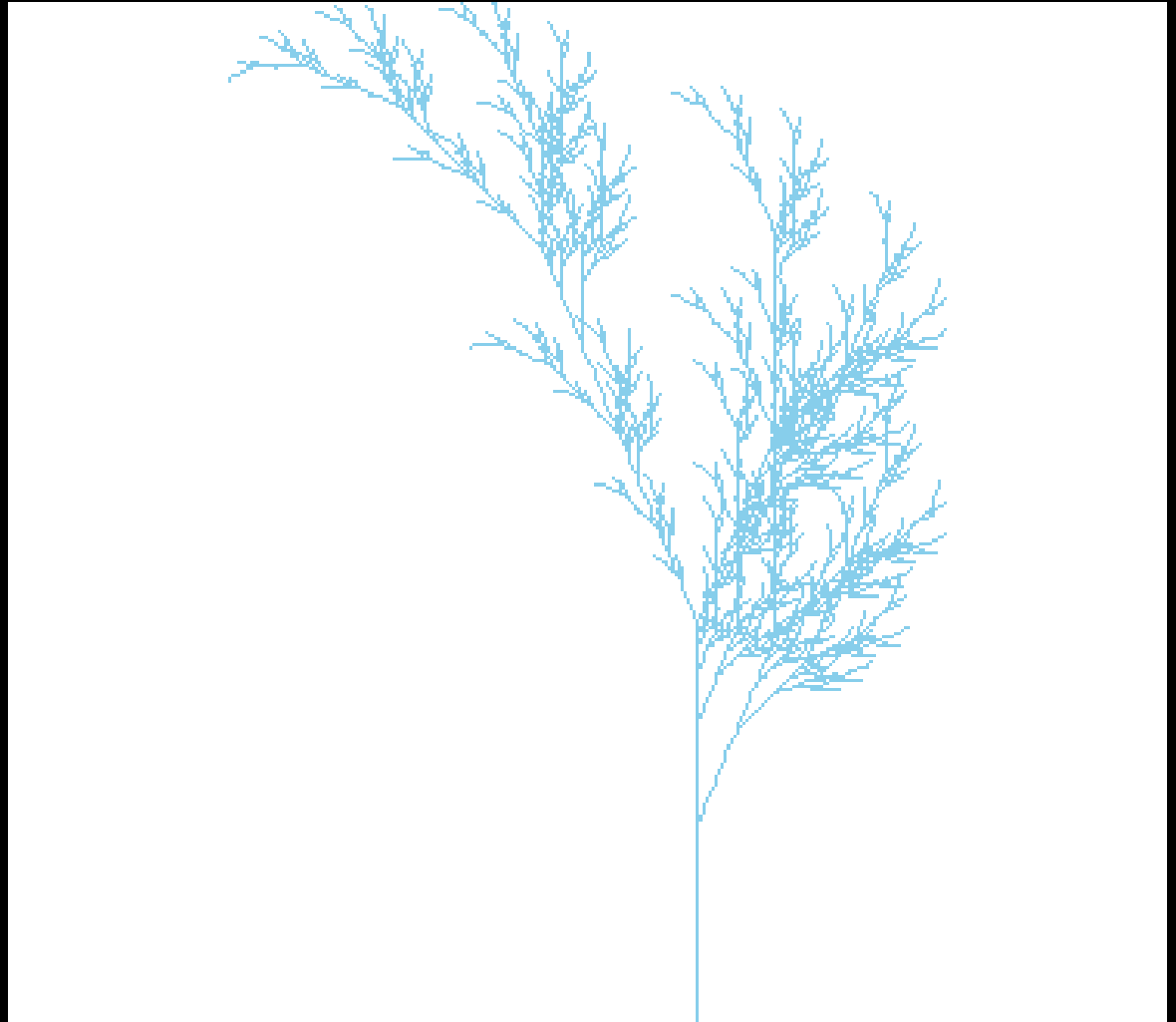
Career points by age for top 250 scorers

LeBron James
38,390 (2023)

Kareem Abdul-Jabbar
38,387 (1989)

Karl Malone

Kobe Bryant

Michael Jordan

Kevin Durant

James Harden

Stephen Curry

Rudy Gay

Current players
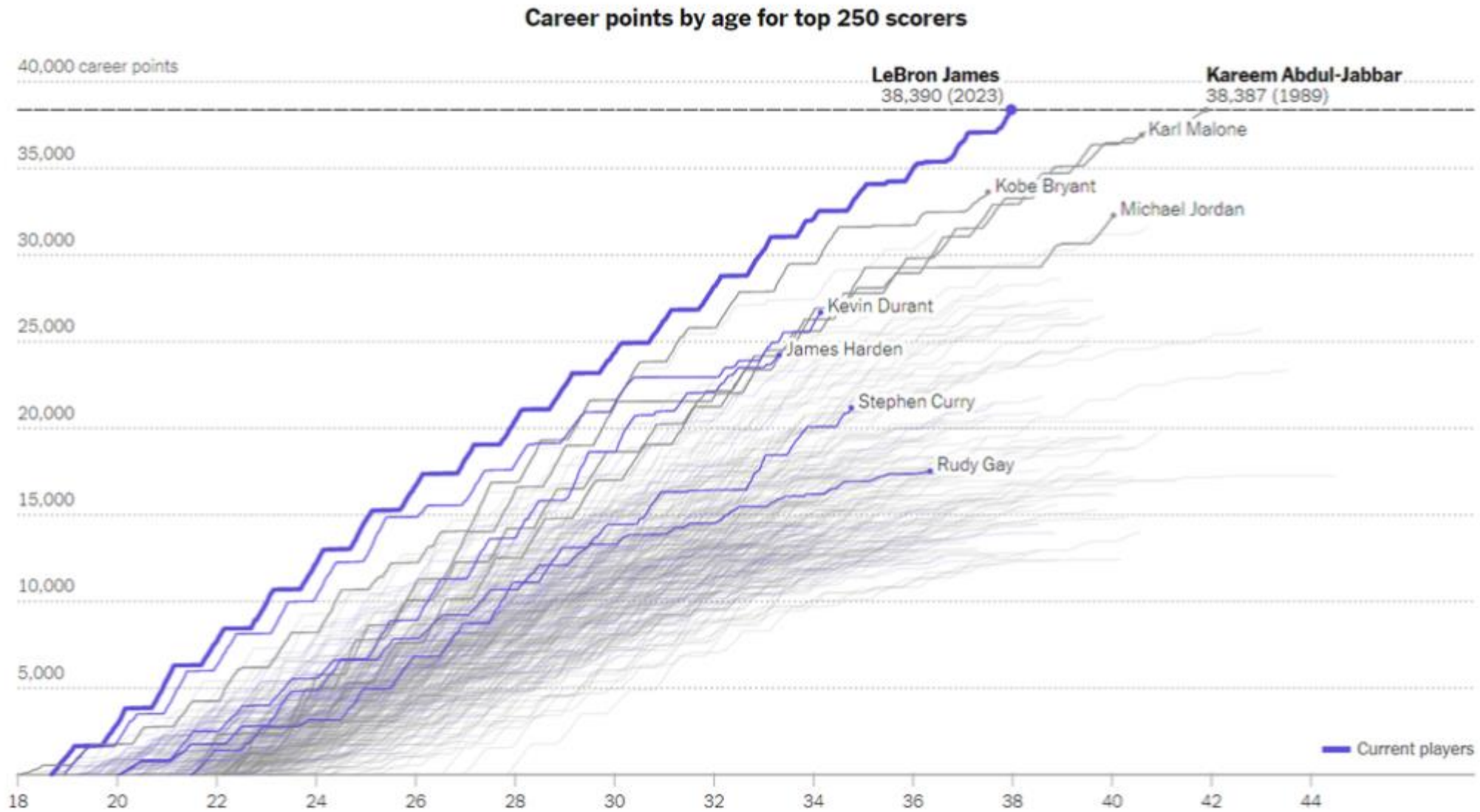
Source: Basketball-reference.com · Note: Data is through Feb. 7. · By The New York Times

Clarity and simplicity

The chart is clear and easy to understand. It avoids unnecessary complexity and decorative elements. It is cluttered and effectively conveys the career points of basketball players in a simple and straightforward manner. Important data points and players are annotated to direct a viewer's attention. It is a simple line graph but design elements like color is used to show data that is interesting. For instance, blue is used to show active players.

Career points by age for top 250 scorers

LeBron James 38,390 (2023)
Kare 38,38

Karl Malone
Kobe Bryant
Michael Jordan
Kevin Durant
James Harden
Stephen Curry
Rudy Gay

Source: Basketball-reference.com   •   Note: Data is through Feb. 7.   •   By The New York Times
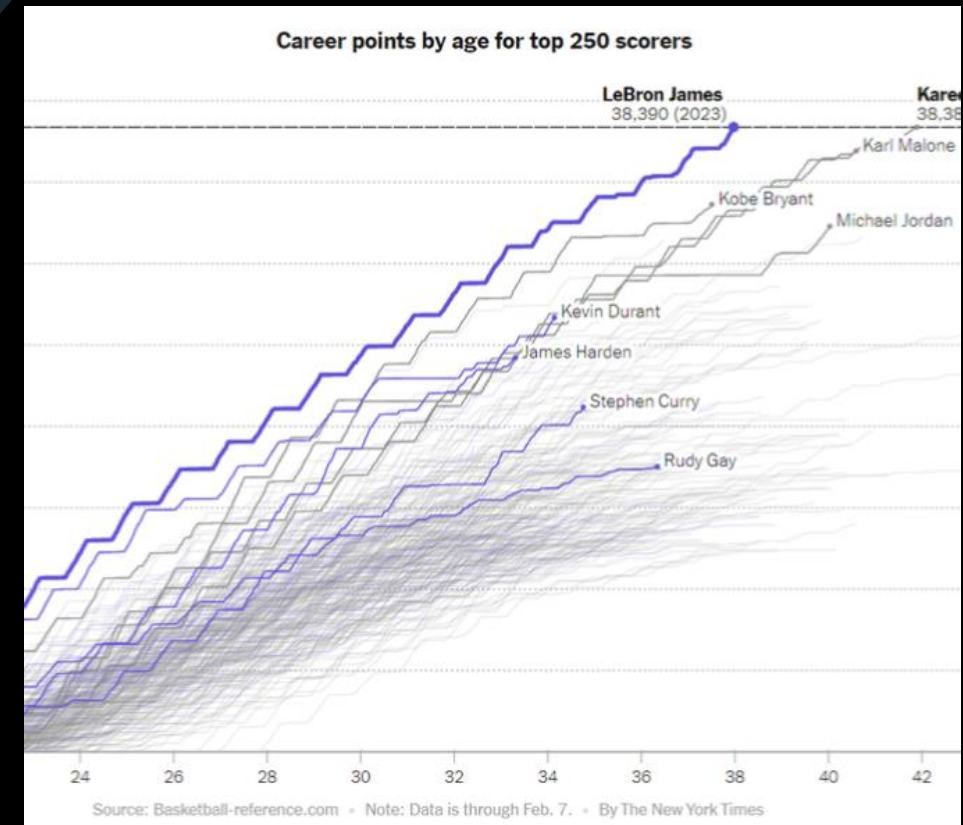
Data integrity

Data is presented accurately. The career points of all basketball players, especially James and Abdul-Jabbar, are represented without distortion or manipulation.

Career points by age for top 250 scorers

LeBron James 38,390 (2023) · Kare 38,38 · Karl Malone · Kobe Bryant · Michael Jordan · Kevin Durant · James Harden · Stephen Curry · Rudy Gay

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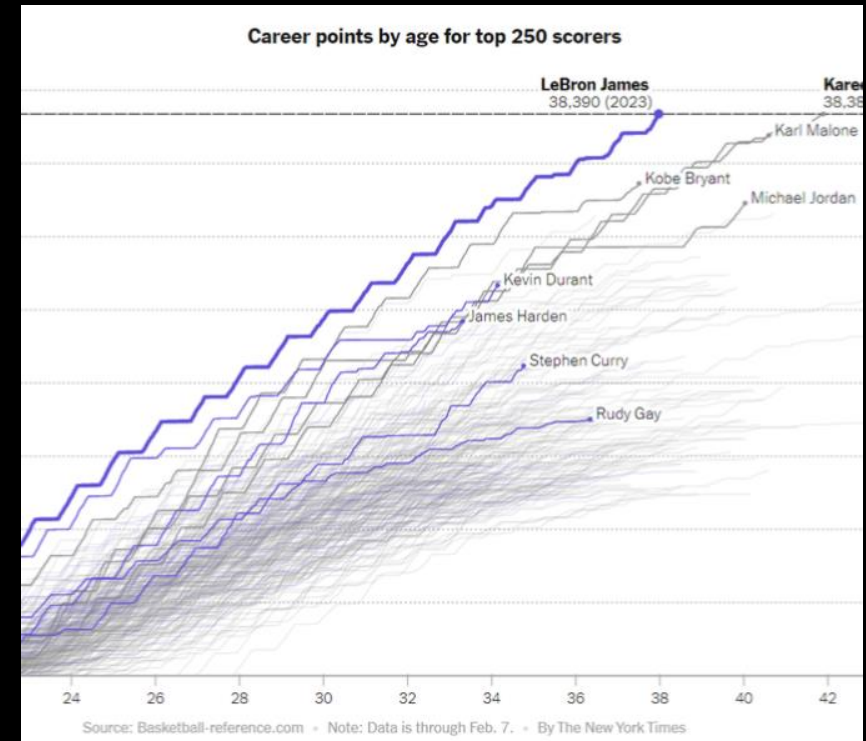
Patterns, trends, and relationships

The chart effectively communicates the career point trends of basketball players, especially highlighting LeBron James' trajectory to breaking the record. Annotations that aid in understanding the key data points and players. For instance, the year and points when LeBron broke Abdul-Jabbar's record are clearly indicated.

Career points by age for top 250 scorers

LeBron James 38,390 (2023)   Kareem 38,38

Karl Malone

Kobe Bryant   Michael Jordan

Kevin Durant

James Harden

Stephen Curry

Rudy Gay

24   26   28   30   32   34   36   38   40   42

Source: Basketball-reference.com • Note: Data is through Feb. 7. • By The New York Times
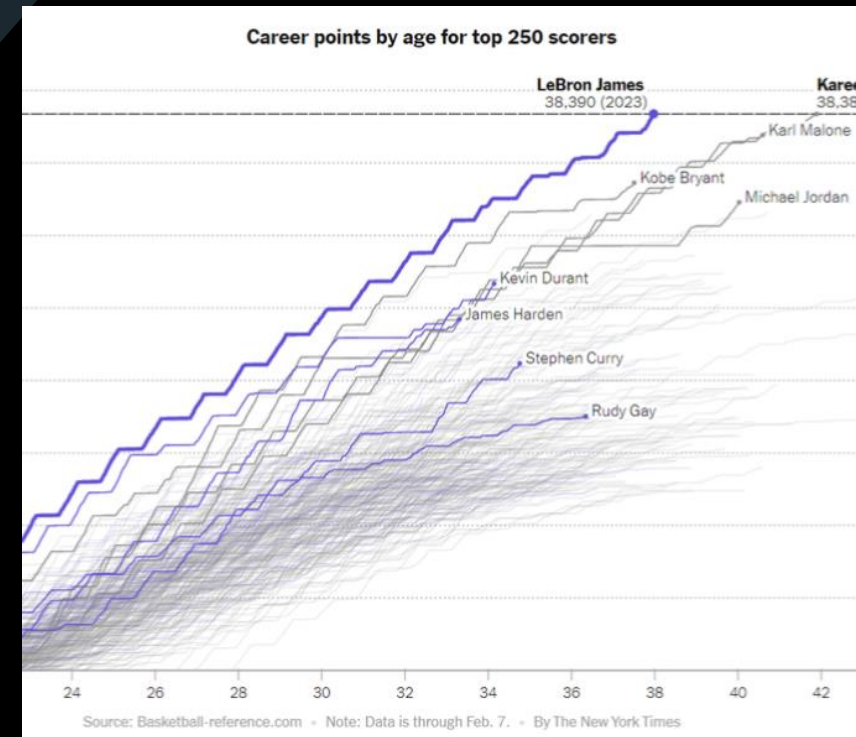
Storytelling and entertainment

The graph was published by The New York Times the day that James broke Abdul-Jabbar's scoring record. It captures the emotions of the audience, especially basketball fans, while telling a compelling story about LeBron James' journey to his record-breaking day. It goes future to insights into the broader narrative of basketball history by showing the career points of other players including Kobe Bryant, Stephen Curry, and Michael Jordan. These are famous people; hence the chart is accessible and engaging for a general audience, not just hardcore basketball fans.

Career points by age for top 250 scorers

LeBron James 38,390 (2023) · Kare 38,38 · Karl Malone · Kobe Bryant · Michael Jordan · Kevin Durant · James Harden · Stephen Curry · Rudy Gay

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