# Proposition: 'Would the Niners have won Super Bowl LVIII if Patrick Mahomes had quarterbacked the Niners and Brock Purdy had quarterbacked the Chiefs?'

## GPT-4, with Michael L. Thompson

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 $<sup>$^{-1}$</sup>$  Proposition: 'Would the Niners have won Super Bowl LVIII if Patrick Mahomes had quarterbacked the Niners and Brock Purdy had quarterbacked the Chiefs?' [qb\_switch.pdf] © 2024 by Michael L. Thompson is licensed under CC BY-SA 4.0. To view a copy of this license, visit <a href="http://creativecommons.org/licenses/by-sa/4.0/">http://creativecommons.org/licenses/by-sa/4.0/</a>

Proposition: "Would the Niners have won Super Bowl LVIII if Patrick Mahomes had quarterbacked the Niners and Brock Purdy had quarterbacked the Chiefs?"

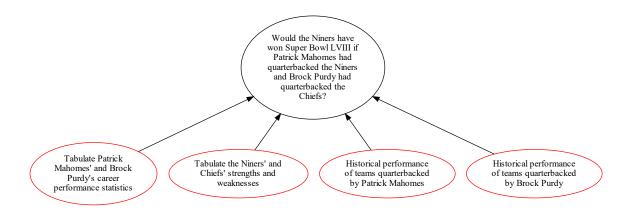


Figure 1: Query plan graph.

#### Added Instructions

The premise is basically that regardless of which of the two teams had Mahomes, that team would have won Super Bowl LVIII.

## Query Plan Outline

- Would the Niners have won Super Bowl LVIII if Patrick Mahomes had quarterbacked the Niners and Brock Purdy had quarterbacked the Chiefs?
  - Tabulate Patrick Mahomes' and Brock Purdy's career performance statistics
    - \* Patrick Mahomes' passing yards
    - $\ast\,$  Patrick Mahomes' touchdown passes
    - \* Patrick Mahomes' quarterback rating
    - \* Brock Purdy's passing yards
    - \* Brock Purdy's touchdown passes
    - \* Brock Purdy's quarterback rating
  - Tabulate the Niners' and Chiefs' strengths and weaknesses
    - \* Niners' offensive strengths
    - \* Niners' defensive strengths
    - \* Niners' weaknesses
    - \* Chiefs' offensive strengths
    - \* Chiefs' defensive strengths
    - \* Chiefs' weaknesses
  - Historical performance of teams quarterbacked by Patrick Mahomes
  - Historical performance of teams quarterbacked by Brock Purdy

## Summary

To evaluate whether the San Francisco 49ers would have won Super Bowl LVIII if Patrick Mahomes had quarterbacked the Niners and Brock Purdy had quarterbacked the Chiefs, we need to consider several factors

based on the provided data:

#### 1. Quarterback Performance and Experience:

- Patrick Mahomes: With 7 seasons of experience, 28,424 passing yards, 219 touchdown passes, and a quarterback rating (QBR) of 103.5, Mahomes has demonstrated exceptional skill and leadership on the field. His experience includes winning three Super Bowls and consistently leading his team to the AFC Championship Game, showcasing his ability to perform under pressure and in critical games.
- Brock Purdy: Despite only having 2 seasons of experience and a smaller sample size of achievements (5,654 passing yards, 44 touchdown passes, and a QBR of 111.4), Purdy has shown promise and resilience. His performance in Super Bowl LVIII and against top defenses indicates his potential as a high-level quarterback.

#### 2. Team Strengths and Weaknesses:

- San Francisco 49ers: The 49ers have a strong offensive performance, with a balanced attack that allows them to effectively run and pass the ball. Their defense, particularly the front four and linebackers, helps mitigate the weakness at the cornerback position. However, their run defense has been described as porous during the playoffs.
- Kansas City Chiefs: The Chiefs' strengths lie in coaching, key players like Mahomes, and a strong defensive performance, especially in pass defense and aggressive pass rush. Their weaknesses include struggles with wide receivers' hands, vulnerability against the run, and generating explosive pass plays.

#### 3. Impact of Quarterback Swap:

- On the 49ers: With Mahomes quarterbacking the Niners, their already strong offense could potentially become even more dynamic. Mahomes' ability to perform under pressure and his experience in winning Super Bowls could address the 49ers' playoff run defense issues by maintaining offensive pressure and controlling the game's pace.
- On the Chiefs: Purdy quarterbacking the Chiefs would introduce a less experienced but resilient quarterback. Given the Chiefs' coaching and overall team strength, Purdy could potentially adapt and perform well. However, the lack of Mahomes' unique playmaking ability and experience might impact the Chiefs' ability to overcome their weaknesses, especially in generating explosive pass plays.

#### Conclusion:

While football games are influenced by numerous variables and the outcome of a single game can never be predicted with certainty, the swap of quarterbacks would likely favor the San Francisco 49ers. Patrick Mahomes' proven track record in high-stakes games, combined with the 49ers' strong offensive and defensive units, suggests that the Niners could have had a higher probability of winning Super Bowl LVIII with Mahomes at the helm. However, it's important to note that Brock Purdy's resilience and potential, along with the Chiefs' team strengths, mean that the outcome would not be a foregone conclusion.

## **Sub-Propositions**

#### "Tabulate Patrick Mahomes' and Brock Purdy's career performance statistics"

Based on the provided data, here is a tabulated comparison of Patrick Mahomes' and Brock Purdy's career performance statistics in the NFL:

Statistic	Patrick Mahomes	Brock Purdy	
Passing Yards	28,424	5,654	
Touchdown Passes	219	44	

Statistic	Patrick Mahomes	Brock Purdy
Quarterback Rating (QBR)	103.5	111.4
Career Seasons	7 seasons (as of the data)	2 seasons (as of the data)
Pro Bowls	Selected for 5 Pro Bowls	Not specified

#### **Patrick Mahomes:**

• Passing Yards: 28,424 yards

Touchdown Passes: 219 touchdowns
Quarterback Rating (QBR): 103.5

• Career Seasons: 7 seasons (as of the data provided)

• Pro Bowls: Selected for 5 Pro Bowls

#### **Brock Purdy:**

• Passing Yards: 5,654 yards

• Touchdown Passes: 44 touchdowns

• Quarterback Rating (QBR): 111.4

• Career Seasons: 2 seasons (as of the data provided)

 Pro Bowls: Information on Pro Bowl selections for Brock Purdy was not specified in the provided data.

Please note that these statistics are based on the data available up to the point of the provided information and may have changed if more games have been played or seasons have passed since then.

### "Tabulate the Niners' and Chiefs' strengths and weaknesses"

Based on the provided search results, here is a tabulated summary of the San Francisco 49ers' and Kansas City Chiefs' strengths and weaknesses:

#### San Francisco 49ers

#### Strengths

- Offensive Performance: The 49ers are highlighted for their strong offensive performance, ranking second in the NFL in offensive points per game (29.3), third in yards per game (391.9), and first in offensive expected points added (110.34) through 12 weeks.
- Offensive Weapons: The team's offense is described as a "true cheat code," with a balance that allows them to effectively run and pass the ball.
- **Defensive Ranking**: Despite a focus on their offense, the 49ers' defense is also strong, ranking third in points allowed per game (14.5).

#### Weaknesses

- Cornerback Position: The weakest point on the 49ers' defense is identified as the cornerback position, although the front four and linebackers help mitigate this issue.
- Run Defense: During the playoffs, the 49ers' run defense has been described as porous, lacking in structure, effort, and execution.

### Kansas City Chiefs

### Strengths

- Coaching and Key Players: Andy Reid's coaching, Patrick Mahomes' quarterbacking, Travis Kelce's tight end play, and the team's overall situational football are highlighted as strengths.
- **Defensive Performance**: The Chiefs' defense, particularly their pass defense and aggressive pass rush, is noted as a strength. They have a top-ranking defense in terms of yards and points allowed.

#### Weaknesses

- Wide Receivers' Hands: The Chiefs' wide receivers have struggled with catching passes, with a significant drop-off in performance beyond their top receiver.
- Run Defense: While the Chiefs have an excellent overall defense, they have shown vulnerability against the run, which could be exploited by teams with strong running games.
- Generating Explosive Pass Plays: The Chiefs have struggled to create explosive pass plays, which has been a departure from their usual offensive strength.

This summary provides a snapshot of the strengths and weaknesses of both teams, highlighting their offensive and defensive capabilities as well as areas that could be exploited by opponents.

## "Historical performance of teams quarterbacked by Patrick Mahomes"

Based on the provided search results, Patrick Mahomes has demonstrated exceptional performance as the quarterback for the Kansas City Chiefs. Here's a summary of his achievements and the historical performance of teams quarterbacked by him:

- 1. **Super Bowl Performance**: Patrick Mahomes has a Super Bowl win-loss record of 3-1 as of February 2024. This indicates that under his leadership, the Kansas City Chiefs have won three Super Bowls and lost one (source).
- 2. **AFC Championship Game Appearances**: Mahomes has led the Chiefs to six consecutive AFC Championship Game appearances and four Super Bowl appearances since becoming the team's starting quarterback (source).
- 3. **Playoff Performance**: Patrick Mahomes has had staggering production in his 17-game playoff career, showcasing his ability to perform under pressure and in critical games (source).
- 4. **Defeating All NFL Teams**: As of October 2023, the Chiefs, with Mahomes as the starter, have defeated all 31 NFL teams. This achievement underscores Mahomes' versatility and skill in leading his team to victories against a wide range of opponents (source).
- 5. **Seasonal Performance**: Mahomes became just the second quarterback in NFL history to throw for 50 touchdowns and 5,000 passing yards in a season, and he achieved the fastest player to 4,000 career passing yards, highlighting his exceptional passing ability and offensive leadership (source).
- 6. **Recognition**: His performances have not only led to victories but have also earned him a spot on the All-Super Bowl 58 Team, further solidifying his status as one of the top quarterbacks in the league (source).

In summary, Patrick Mahomes' tenure as the quarterback for the Kansas City Chiefs has been marked by significant achievements, including multiple Super Bowl victories, consistent appearances in the AFC Championship Game, and numerous individual records and accolades. His leadership and performance have been pivotal to the Chiefs' success in recent years.

## "Historical performance of teams quarterbacked by Brock Purdy"

Based on the provided search results, Brock Purdy has demonstrated notable performances as a quarterback, particularly with the San Francisco 49ers. Here's a summary of his historical performance and achievements:

- 1. **Performance in Key Games**: Purdy has had top performances in critical games, including a notable game against the Tampa Bay Buccaneers on November 19, 2023, and a playoff game against the Seattle Seahawks on January 14, 2023. These performances have been highlighted as some of his best career games before Super Bowl 2024 (Des Moines Register).
- 2. Recovery from Poor Performances: Despite facing setbacks, such as a career-worst performance in a 33-19 loss to the Baltimore Ravens on December 25, 2023, Purdy has shown resilience and the ability to move on from poor performances, indicating mental toughness and adaptability (49ers Webzone).

- 3. **Super Bowl LVIII**: Purdy's performance in Super Bowl LVIII has been seen as a sign that the 49ers may have found a long-term answer at quarterback, suggesting that he played at a high level during one of the biggest games in the sport (Niners Wire).
- 4. **Statistical Achievements**: Purely has faced top defenses and has played against four teams that rank top 10 in both defensive DVOA and EPA, showcasing his ability to perform against strong opponents (Sporting News).
- 5. **Record at Iowa State**: Before his NFL career, Purdy was highly successful at Iowa State, becoming the quarterback with the most wins in the program's history, leading the team to a 30-17 record and starting in 46 games (49ers.com).
- 6. **2023 Season Performance**: During the 2023 NFL season, Purdy started all 16 games for the San Francisco 49ers, indicating that he was the team's primary quarterback throughout the season (NFL.com).

These points illustrate Brock Purdy's journey from a successful college quarterback at Iowa State to a resilient and potentially long-term quarterback for the San Francisco 49ers, including leading his team to the Super Bowl and recovering from setbacks. His performances against top defenses and in critical games, including the playoffs and Super Bowl, highlight his capabilities and potential as a leading NFL quarterback.

## Search Results

## "Super Bowl LVIII outcome"

- Super Bowl LVIII Wikipedia: Chiefs quarterback Patrick Mahomes was named Super Bowl Most Valuable Player (MVP), completing 34 of 46 passes for 333 yards, two touchdowns, and one ...
- 2024 Super Bowl LVIII Chiefs vs 49ers News, Highlights and More: The road to Super Bowl LVIII is complete as NFL playoffs wrapped up with a thrilling overtime victory from the defending champion Kansas City Chiefs. The Chiefs ...
- Chiefs defeat 49ers 25-22 in OT thriller in Super Bowl 2024. Here . . . : The Kansas City Chiefs defeated the San Francisco 49ers in Super Bowl LVIII in Las Vegas after going into overtime.
- Super Bowl 58 Stats & Score Feb. 11 2024: Total Yards. 382. 455 Rushing Yards. 110. 130 Passing Yards. 272. 325 First Downs. 23. 24 Passes for First. 15. 15 Rushes for First. 5. 9 Rushing Average.
- How the Chiefs and Patrick Mahomes defeated the 49ers in the ...: 2024 Super Bowl prop bet results .... Super Bowl LVIII ended in dramatic fashion in overtime with the Kansas City Chiefs beating the San Francisco ....
- Kansas City Chiefs Win Super Bowl LVIII The Hollywood Reporter: Kansas City Chiefs Win Super Bowl LVIII. The team beat the San Francisco 49ers to win in overtime in Las Vegas. By Kimberly Nordyke.
- Super Bowl LVII Wikipedia: The Chiefs won the game 38-35 on a game winning field goal by Harrison Butker. Butker's game-winning kick was set up by a pivotal defensive holding call on ...
- Super Bowl Winners NFL History ESPN: Super Bowl Winners and Results. NO. DATE, SITE, RESULT. I, Jan. 15, 1967, Los... State Farm Stadium (Glendale, Ariz.) Kansas City 38, Philadelphia 35. LVIII, Feb...
- How Eagles executive played a role in outcome of Super Bowl LVIII: The Kansas City Chiefs defeated the San Francisco 49ers in Super Bowl 58 after going to just the second-ever overtime in a Super Bowl.
- NFL Super Bowl LVIII (58) February 11, 2024 CBSSports.com: Chiefs add to Super Bowl dynasty, beat 49ers in OT Ranking all four Mahomes-era Super Bowls LOOK: Taylor Swift reacts to Chiefs winning Super . . .

## "Patrick Mahomes career passing yards"

• Patrick Mahomes Career Stats - NFL - ESPN: Complete career NFL stats for Kansas City Chiefs Quarterback Patrick Mahomes on ESPN. Includes scoring, rushing, defensive and receiving stats.

- Patrick Mahomes Career Stats | NFL.com: Rushing ; 2018, Kansas City Chiefs, 16, 60, 272 ; 2017, Kansas City Chiefs, 1, 7, 10 ...
- Patrick Mahomes Stats, Height, Weight, Position, Draft, College: Patrick Mahomes had 4,183 passing yards last season and 28,424 passing yards over his career. How many touchdowns does Patrick Mahomes have? Patrick Mahomes . . .
- Patrick Mahomes Career Stats (Passing) StatMuse: Patrick Mahomes has played 7 seasons for the Chiefs. He has thrown for 28424 yards and 219 touchdowns. He was selected to play in 5 Pro Bowls.
- Patrick Mahomes Chiefs.com: Mahomes was already the fastest quarterback in NFL history to reach 15,000 career passing yards, but he officially became the fastest one to reach 20,000 ...
- Patrick Mahomes Wikipedia: Career playoff passer rating (minimum 150 attempts): 105.8 Career passing yards per game (minimum 1,500 attempts): 296.1 Passing touchdowns in a single . . .
- Patrick Mahomes Kansas City Chiefs Quarterback ESPN: 2023 Passing; 401, 597, 67.2, 4,183, 7.0; 104, 149, 69.8, 1,051, 7.1 . . .
- Career Stats Patrick Mahomes, Kansas City Chiefs, QB CBS Sports: Career, , 96, 2,584.0, 26.9 . . .
- Patrick Mahomes Passing Yards By Game Career | StatMuse: Patrick Mahomes has connected for 28,424 yards in his career. StatMuse has season-level data for passing yards going back to the 1932 season.
- Patrick Mahomes reaches 25000 passing yards in record fashion: Entering Sunday's game against the Chicago Bears at GEHA Field at Arrowhead Stadium, Mahomes was 228 passing yards shy of 25,000 for his career.

#### "Patrick Mahomes career touchdown passes"

- Patrick Mahomes: Patrick Lavon Mahomes II is an American football quarterback for the Kansas City Chiefs of the National Football League. Mahomes has led the Chiefs to six consecutive AFC Championship Game appearances and four Super Bowl appearances since becoming...
  - Born: September 17, 1995 (age 28 years), Tyler, TX
  - Nationality: American
  - Education: Texas Tech University
  - Dates joined: 2017 (Kansas City Chiefs) and 2014 (Texas Tech Red Raiders football)
  - Awards: AP Most Valuable Player, Best NFL Player ESPY Award, Associated Press NFL Offensive Player of the Year Award, and more
  - Nominations: AP Most Valuable Player, Best NFL Player ESPY Award, Associated Press NFL Offensive Player of the Year Award, and more
  - Parents: Pat Mahomes and Randi Martin
- Patrick Mahomes Career Stats | NFL.com: Career Stats for QB Patrick Mahomes. ... Passing. YEAR, TEAM, G, ATT, COMP, PCT, YDS, AVG, LNG, TD, INT ...
- Patrick Mahomes Career Stats NFL ESPN: Complete career NFL stats for Kansas City Chiefs Quarterback Patrick Mahomes on ESPN ... PASS:Passing Touchdowns; PAT:Kick Extra Points; PD:Passes Defended; PTS: ...
- Patrick Mahomes Stats, Height, Weight, Position, Draft, College: Patrick Mahomes threw for an NFL-record 79 TD passes in his first 32 career games. ... Patrick Mahomes had 27 touchdowns last season and 219 touchdowns over his ...
- How Many Career Touchdowns Passes Does Patrick Mahomes Have: Patrick Mahomes has 219 passing touchdowns in his career.
- Patrick Mahomes Chiefs.com: Owns 83 career touchdown passes at GEHA Field at Arrowhead Stadium, passing QB Trent Green (62) for the most career touchdown passes in the stadium's history.
- Patrick Mahomes Career Stats (Passing) StatMuse: Patrick Mahomes has played 7 seasons for the Chiefs. He has thrown for 28424 yards and 219 touchdowns. He was selected to play in 5 Pro Bowls.
- Patrick Mahomes Wikipedia: Career playoff passer rating (minimum 150 attempts): 105.8 Career passing yards per game (minimum 1,500 attempts): 296.1 Passing touchdowns in a single . . .
- Chiefs' Patrick Mahomes reaches 200 career TD passes faster than ...: It was Mahomes' only touchdown of the night as he struggled by his standards, completing 18 of 30 passes for 203 yards, the TD, two ...

- All 200 Passing Touchdowns by Patrick Mahomes | Kansas City Chiefs: All 200 Passing Touchdowns by Patrick Mahomes | Kansas City Chiefs Comments218. Duration: 47:47 Posted: Oct 2, 2023
- All 200 Passing Touchdowns by Patrick Mahomes Chiefs.com: In Week 4 of the 2023 NFL season Patrick Mahomes threw his 200th passing touchdown ... Posted: Oct 2, 2023

### "Patrick Mahomes career quarterback rating"

- Pat Mahomes Career Passer Rating StatMuse: Patrick Mahomes has a passer rating of 103.5 in his career.
- Patrick Mahomes Kansas City Chiefs Quarterback ESPN: 2023 Passing; 401, 597, 67.2, 4,183, 7.0; 104, 149, 69.8, 1,051, 7.1 . . .
- Patrick Mahomes career stats against the 49ers: 10 TD, 4 INT, 104.6 . . . : Patrick Mahomes career stats against the 49ers: 10 TD, 4 INT, 104.6 passer rating, 339 Y/G, 4-0 record, 2 rings. r/nfl Patrick . . . .
- In his two games vs. Green Bay, Patrick Mahomes QB rating is 76.8: Green Bay, Patrick Mahomes QB rating is 76.8 His lowest vs any team he has faced multiple times in the NFL. And the only time in his career he ...
- Patrick Mahomes Chiefs.com: Has started 14 career postseason games for the Chiefs, carrying an 11-3 record. His 14 starts and 78.6 winning percentage are the top marks by a quarterback in ...
- List of National Football League career passer rating leaders: 1, \* Aaron Rodgers, 103.6; 2, \* Patrick Mahomes, 103.5; 3, \* Deshaun Watson, 100.8; 4, \* Russell Wilson, 100.0; 5, \* Dak Prescott, 99.0.
- Patrick Mahomes Stats, Height, Weight, Position, Draft, College: Checkout the latest stats for Patrick Mahomes. Get info about his position, age, height, weight, college, draft, and more on Pro-football-reference.com.
- Patrick Mahomes Career Stats | NFL.com: Rushing; 2019, Kansas City Chiefs, 14, 43, 218; 2018, Kansas City Chiefs, 16, 60, 272...
- Patrick Mahomes Career Stats NFL ESPN: Complete career NFL stats for Kansas City Chiefs Quarterback Patrick Mahomes on ESPN. Includes scoring, rushing, defensive and receiving stats.

#### "Brock Purdy career passing yards"

- Brock Purdy: Brock Purdy is an American football quarterback for the San Francisco 49ers of the National Football League. He played college football for the Iowa State Cyclones and was selected by the 49ers with the final pick in the 2022 NFL draft, becoming...
  - Born: December 27, 1999 (age 24 years), Queen Creek, AZ
  - Nationality: American
  - Dates joined: 2022 (San Francisco 49ers) and 2018 (Iowa State Cyclones football)
  - Awards: NFL Honors FedEx Air Player of the Year
  - Nominations: AP Most Valuable Player, NFL Honors AP Offensive Rookie of the Year, NFL Honors FedEx Air Player of the Year, and more
  - Education: Iowa State University (20182021) and Perry High School
  - Parents: Shawn Purdy and Carrie Purdy
- Brock Purdy San Francisco 49ers Quarterback ESPN: 2023 Passing ; 66, 108, 61.1, 774, 7.2 ; 422, 614, 68.7, 5,654, 9.2 . . .
- Brock Purdy Stats, Height, Weight, Position, Draft, College: Brock Purdy had 4,280 passing yards last season and 5,654 passing yards over his career. How many touchdowns does Brock Purdy have? Brock Purdy had 31 . . .
- Brock Purdy Career Stats NFL ESPN: Complete career NFL stats for San Francisco 49ers Quarterback Brock Purdy on ESPN. Includes scoring, rushing, defensive and receiving stats.
- Brock Purdy Stats Summary NFL.com: QB Career; 2023, San Francisco 49ers, 16, 16, 308 ...
- [NFL Stats] Brock Purdy's career playoff stats: 4 games (3-1 record ...: [NFL Stats] Brock Purdy's career playoff stats: 4 games (3-1 record) 62.7 completion % 821 passing yards 4 pass TDs 0 INTs 101.0 passer rating ...
- Brock Purdy: College football career, stats, highlights, records: Purdy won Arizona Gatorade Player

of the Year honors after his 2017 season. Purdy finished his career with 8,937 passing yards and 107  $\dots$ 

- Brock Purdy San Francisco 49ers Quarterback StatMuse: Brock Purdy has played 2 seasons for the 49ers. He has thrown for 5,654 yards and 44 touchdowns. Stats. See all. GP ...
- 49ers QB Brock Purdy now has four career games with 3+ ... Reddit: [Meirov] Purdy good: #49ers QB Brock Purdy now has four career games with 3+ TD passes and a passer rating of 140.0 or higher, the most of any ...
- Brock Purdy Stats NFL Stats | FOX Sports: Find detailed Brock Purdy Stats on FOXSports.com. Explore all San Francisco 49ers NFL player stats including passing, rushing, receiving, tackles, . . .
- Brock Purdy Wikipedia: Overall, he started eight games, completing 146 of 220 passes for 2,250 yards, 16 touchdowns, and seven interceptions for what would prove to be a career-best ...

## "Brock Purdy career touchdown passes"

- Brock Purdy: Brock Purdy is an American football quarterback for the San Francisco 49ers of the National Football League. He played college football for the Iowa State Cyclones and was selected by the 49ers with the final pick in the 2022 NFL draft, becoming...
  - Born: December 27, 1999 (age 24 years), Queen Creek, AZ
  - Nationality: American
  - Dates joined: 2022 (San Francisco 49ers) and 2018 (Iowa State Cyclones football)
  - Awards: NFL Honors FedEx Air Player of the Year
  - Nominations: AP Most Valuable Player, NFL Honors AP Offensive Rookie of the Year, NFL Honors - FedEx Air Player of the Year, and more
  - Education: Iowa State University (20182021) and Perry High School
  - Parents: Shawn Purdy and Carrie Purdy
- Brock Purdy Career Stats NFL ESPN: Complete career NFL stats for San Francisco 49ers Quarterback Brock Purdy on ESPN ... PASS:Passing Touchdowns; PAT:Kick Extra Points; PD:Passes Defended; PTS: ...
- Brock Purdy Passing Touchdown Per Game StatMuse: Brock Purdy has 1.76 passing touchdowns
  per game played in his career. ... StatMuse has season-level data for passing touchdowns going back
  to the 1921 season.
- Brock Purdy San Francisco 49ers Quarterback ESPN: 2023 Passing ; 66, 108, 61.1, 774, 7.2 ; 422, 614, 68.7, 5,654, 9.2 . . .
- Brock Purdy Passing Td All-time StatMuse: Brock Purdy has 44 passing touchdowns in his career. ... StatMuse has season-level data for passing touchdowns going back to the 1921 season.
- Brock Purdy Stats Summary NFL.com: QB Career; 2023, San Francisco 49ers, 16, 16, 308 ...
- Brock Purdy: College football career, stats, highlights, records: Purdy finished his career with 8,937 passing yards and 107 touchdowns while averaging a 3.8 GPA. purdy. COLLEGE CAREERS OF NFL STARS 2023 . . .
- Brock Purdy Stats NFL Stats | FOX Sports: INJURIES ; Passing Yards. 4,280. PYDS ; Passing Touchdowns. 31. PTD ; Rushing Yards. 144. RYDS ; Rushing Touchdowns. 2. RTD.
- Brock Purdy throws best TD pass of his career as 49ers clinch No. 1 . . . : Brock Purdy throws best TD pass of his career as 49ers clinch No. 1 seed in NFC. Purdy has no chance of winning the MVP award despite . . .
- Brock Purdy Wikipedia: Overall, he started eight games, completing 146 of 220 passes for 2,250 yards, 16 touchdowns, and seven interceptions for what would prove to be a career-best . . .

## "Brock Purdy career quarterback rating"

- Brock Purdy San Francisco 49ers Quarterback ESPN: 2023 Passing ; 66, 108, 61.1, 774, 7.2 ; 422, 614, 68.7, 5,654, 9.2 . . .
- Brock Purdy Career Stats NFL ESPN: Complete career NFL stats for San Francisco 49ers Quarter-back Brock Purdy on ESPN ... RTG:Passer Rating; RUSH:Rushing Touchdowns; SACK:Total Sacks; SOLO:Solo ...

- Could someone help me understand what's causing Brock Purdy's ...: Right now, it looks like he leads the league in passer rating at 112.3. I'm trying to better understand the formula that the metric comes from
- Brock Purdy stats: How 49ers QB's historic passer rating compares ...: Going into a potential Super Bowl preview against the AFC-leading Ravens in Week 16, Purdy owns a 119.0 passer rating, which ranks fifth-best in ...
- Brock Purdy Earns Perfect Passer Rating; Stats and Facts from . . .: With a passer rating of 158.3, Purdy (23-years-old) joins Baltimore Ravens QB Lamar Jackson and Los Angeles Rams QB Jared Goff as the only . . .
- Brock Purdy Stats Summary NFL.com: QB Career ; 2022, San Francisco 49ers, 9, 5, 114 ; 2023, San Francisco 49ers, 16, 16, 308 . . .
- Brock Purdy Career Passer Rating StatMuse: Brock Purdy has a passer rating of 111.4 in his career.
- Career Stats Brock Purdy, San Francisco 49ers, QB CBS Sports: Career, , 25, 525.0, 21  $\dots$
- Brock Purdy can make NFL passer rating history in 49ers' final stretch: Currently, his 13 career games with a 110 or higher rating is tied with Los Angeles Chargers quarterback Justin Herbert for the second-most such . . .

## "San Francisco 49ers offensive strengths"

- Strength of the 49ers Lies With the Offense, Not Defense: San Francisco's offense is a true cheat code. And while the strength of the team isn't the defense anymore, they are no slouches either. They ...
- Here's why the 49ers are the best team in the NFL when they are at ...: The San Francisco 49ers made a strong case for best team in the NFL, now that they are at full strength. Key words: full strength.
- Who are some of San Francisco 49ers' offensive weapons . . . Quora: What are the strengths of the San Francisco 49ers' offense? Balance on offense, once they establish the run then they pass and make sure you . . .
- 3 strengths 49ers currently have over their 2019 Super ... Niner Noise: With Purdy, Shanahan is aggressive, sometimes overly so. One of the NFL's premier play-callers should not be hamstrung by his quarterback with ...
- One Vastly Underrated Strength on the 49ers Defense: Offense looks to be the strength of the San Francisco 49ers in 2023. They are absolutely killing it on practically every possession by coming ...
- 49ers overreactions: Is offense now team's greatest strength?: Meanwhile, the 49ers' offense has been absurdly consistent. And, yes, the offense has overtaken the defense as the strength of the team.
- Duffy: The 49ers' offense is operating at such a high level, here's why: From Kyle Shanahan's scheme to Brock Purdy's efficiency to the position versatility, there are myriad challenges for the Eagles on Sunday.
- 3 strengths 49ers currently have over their 2019 Super ... Niner Noise: Strength #1: Offensive Skill Position Talent. The 2019 49ers were no joke at running back, wide receiver, and tight end. RB Raheem Mostert, ...
- 49ers midseason grades: Offense the clear strength for San Francisco: The San Francisco 49ers are still in an excellent position heading into second half of the year, but they need a more complete effort down . . .

#### "San Francisco 49ers defensive strengths"

- One Vastly Underrated Strength on the 49ers Defense: They are currently ranked third in that department averaging 14.5 points allowed per game. In that stat lies one underrated strength on the 49 ...
- 3 strengths 49ers currently have over their 2019 Super ... Niner Noise: Weakness: The Defensive Line The 49ers won games in 2019 because they had one of the best pass-rushing units the NFL has seen.
- Has the 49ers offense surpassed their top-level defense? ESPN: This year, the Niners have won their nine games by an average of 20.4 points per contest on the strength of an offense that is every bit as

. . .

- Here's why the 49ers are the best team in the NFL when they are at ...: The San Francisco 49ers made a strong case for best team in the NFL, now that they are at full strength. Key words: full strength.
- Strength of the 49ers Lies With the Offense, Not Defense: Analyzing how the San Francisco 49ers have transformed from a defensive team to an offensive team.
- 49ers Defense Rankings & Analysis: Can San Francisco . . . Lineups: Despite the real strengths of both defenses, the over is the right play in a battle of two of the best offensive minds in today's NFL. Best . . .
- 3 strengths 49ers currently have over their 2019 Super . . . Niner Noise: Strength #2: The Back 7 on Defense. The 49ers defense as a whole may not be as good as it was back in 2019, but one place that it has certainly . . .
- Steve Young reveals 49ers' potential weakness but predicts playoff . . .: In a recent discussion with Dan Patrick, Hall of Fame quarterback Steve Young admitted that he doesn't see an NFC defense that can challenge the . . .
- Biggest Strengths, Weaknesses of NFL Teams in 2024 NFC and ...: San Francisco 49ers' Biggest Weakness: Non-Trent Williams Offensive Linemen ... It's not easy to pinpoint a significant weakness for the Niners, ...
- 49ers Stats San Francisco: TEAM STATISTICS ; 65 TOTAL 1ST DOWNS. 72 ; 1151. TOTAL OFFENSIVE YARDS. 1227 ; 376. TOTAL RUSHING YARDS. 448 ; 795. TOTAL PASSING YARDS. 800 ; 9. TOUCHDOWNS. 8. Show results with:strengths

#### "San Francisco 49ers weaknesses"

- The 49ers' Biggest Weakness Sports Illustrated: It's important to remember they've lost three of their past four games, and one weakness in particular lies hidden just beneath the surface.
- Do the 49ers Have a Weakness? KGET.com: For years, the 49ers had the same three glaring weaknesses: Cornerback, offensive line and quarterback. . . . SI San Francisco 49ers NFL. Is . . .
- Steve Young reveals 49ers' potential weakness but predicts playoff ...: Steve Young reveals 49ers' potential weakness but predicts playoff success | 49ers Webzone.
- 3 Weaknesses Packers Must Expose to Upset the 49ers in 2024 . . . : The No. 7 seed visits the top-seeded San Francisco 49ers in a game that many people believe will be one sided in favor of the top seed. However, . . .
- 49ers news: One analyst highlights the defense's glaring weakness: San Francisco 49ers Roster. One analyst believes the 49ers have a glaring weakness that will continue in the second half. You can probably guess . . .
- The Chiefs Aren't Buying Into the 49ers' Run Defense as a Weakness: The run defense of the 49ers has been porous in the last two games, but the Chiefs are not buying into it. Here's why.
- 49ers' biggest weakness is impossible to miss The Mercury News: San Francisco 49ers: The Browns exposed just how poor the Niners' interior offensive line has been this season.
- Biggest Strengths, Weaknesses of NFL Teams in 2024 NFC and ...: San Francisco 49ers' Biggest Weakness: Non-Trent Williams Offensive Linemen ... It's not easy to pinpoint a significant weakness for the Niners, ...
- 49ers can plug their greatest weakness with greatest strength of ...: 49ers can plug their greatest weakness with greatest strength of 2024 NFL Draft.

#### "Kansas City Chiefs offensive strengths"

- Biggest Strengths, Weaknesses of NFL Teams in 2024 NFC and ...: Kansas City Chiefs' Biggest Weakness: Wide Receivers' Hands ... It's no secret that the Chiefs' wide receivers have been an issue this year.
- 4 biggest strengths on Kansas City Chiefs roster: Which positions are the greatest areas of strength for a Super Bowl roster? There are some impressive spots on both sides of the ball.
- 5 strengths and weaknesses for the Kansas City Chiefs heading into . . .: Five strengths of the Kansas

- City Chiefs #1 Andy Reid #2 Patrick Mahomes #3 Travis Kelce #4 Tyreek Hill #5 Tyrann Mathieu.
- Ranking the KC Chiefs' Position Groups From Weakest to Strongest: Ranking the KC Chiefs' Position Groups From Weakest to Strongest; 11. Wide Receivers 10. Safeties 9. Running Backs; 8. Offensive Tackles 7.
- What are the Kansas City Chiefs weakness? : r/49ers Reddit: Run def, tackles, WRs. Obvious strengths are Mahomes, pass def, running game, Kelce, coaching, situational football and showing up big time in . . .
- SWOT analysis Strengths The Kansas City Chiefs have many: One weakness this team dealt with season and others as well were Injuries on the offensive line. Most common were back issues with key tackling players. This . . .
- The Kansas City Chiefs: strengths and weaknesses The Trailblazer: However, the Chiefs might find themselves at a disadvantage is inconsistency. The Chiefs have been inconsistent on both offense and defense
- PFF names Chiefs' biggest strength and weakness Arrowhead Pride: On Thursday, Pro Football Focus writer Sam Monson published an article noting the biggest strength (and weakness) for each NFL team.
- NFL Teams | Picks and Props | Team Strengths and Weaknesses: Team Strength & Weaknesses The Chiefs are 3-1 (. 750) against the spread (41.4% ROI) when underdogs since the 2022 season T-best in NFL; League Avg: . 510. . . .
- Chiefs Depth Chart | Kansas City Chiefs chiefs.com: Offense ; LG, Joe Thuney Mike Caliendo ; C Creed Humphrey Nick Allegretti. Show results with:strengths

## "Kansas City Chiefs defensive strengths"

- Biggest Strengths, Weaknesses of NFL Teams in 2024 NFC and ...: Kansas City Chiefs' Biggest Weakness: Wide Receivers' Hands ... It's no secret that the Chiefs' wide receivers have been an issue this year.
- Ranking the KC Chiefs' Position Groups From Weakest to Strongest: Ranking the KC Chiefs' Position Groups From Weakest to Strongest 11. Wide Receivers 10. Safeties 9. Running Backs 8. Offensive Tackles 7.
- What are the Kansas City Chiefs weakness? : r/49ers Reddit: Run def, tackles, WRs. Obvious strengths are Mahomes, pass def, running game, Kelce, coaching, situational football and showing up big time in . . .
- 5 strengths and weaknesses for the Kansas City Chiefs heading into . . . : Five strengths of the Kansas City Chiefs #1 Andy Reid #2 Patrick Mahomes #3 Travis Kelce #4 Tyreek Hill #5 Tyrann Mathieu.
- Kansas City Chiefs Report Card | NFLPA: The Kansas City Chiefs are ranked 29th overall in our team guide. In general, the results show that the facility feels outdated and players would like to see . . .
- Strengths, weaknesses for all 14 NFL playoff teams PFF: Kansas City Chiefs Strength: Scheming Pressure Weakness: Generating Explosive Pass Plays.
- 4 biggest strengths on Kansas City Chiefs roster: Which positions are the greatest areas of strength for a Super Bowl roster? There are some impressive spots on both sides of the ball.
- This is Chiefs' best defense in Patrick Mahomes era, a credit to . . . : For the first time since Spagnuolo took over in 2019, the Chiefs have a truly stifling defense. According to RBSDM.com, the Chiefs rank first in . . .
- Chiefs Depth Chart | Kansas City Chiefs chiefs.com: Offense ; RG, Trey Smith Nick Allegretti ; RT, Jawaan Taylor Lucas Niang.
- Kansas City Chiefs Defense Analysis: Can KC Stop the Niners?: The strength of the defense is the combination of an aggressive pass rush and an elite secondary that combines to form one of the best pass ...

## "Kansas City Chiefs weaknesses"

- What are the Kansas City Chiefs weakness? : r/49ers Reddit: Run def, tackles, WRs. Obvious strengths are Mahomes, pass def, running game, Kelce, coaching, situational football and showing up big time in . . .
- Chiefs' fatal flaw that will doom them in Super Bowl 58 vs. 49ers: Much of Kansas City's struggles this season can be traced back to the offense's inability to put up points. KC put up 21.8 points per game, the . . .
- Why The Chiefs Run Defense Could Determine Super Bowl LVIII: Though they have an excellent defense, the Chiefs struggled at times against the run, and the 49ers have the NFL's third best running game.
- AFC Botched Its Best Chance to Dethrone Inevitable KC Chiefs: ... weaknesses on full display. This season, the Chiefs ranked second in scoring on defense but were a pedestrian 15th on offense. Penalties ...
- What's wrong with the Kansas City Chiefs? Examining recent issues . . .: After the Chiefs started 6-1, opponents adjusted and exploited Kansas City's weaknesses.
- Strengths, weaknesses for all 14 NFL playoff teams PFF: Weakness: Generating Explosive Pass Plays. The Chiefs have struggled to push the ball downfield, usually a strength of their explosive offense.
- The Chiefs Aren't Buying Into the 49ers' Run Defense as a Weakness: The run defense of the 49ers has been porous in the last two games, but the Chiefs are not buying into it. Here's why.
- Can the Kansas City Chiefs attack the BIGGEST WEAKNESS of the . . . : Check out my movie Channel https://www.youtube.com/@jacksonkruegermovies Check out JKS . . . Duration: 8:47 Posted: Feb 4, 2024
- SWOT analysis Strengths The Kansas City Chiefs have many: Weaknesses As the chiefs prepared for the superbowl, worries of injury were talked about during the season and as well for the championship game. One weakness . . .

## "teams quarterbacked by Patrick Mahomes performance"

- Patrick Mahomes Super Bowl win-loss record: Stats, MVP awards . . .: Heading into Sunday's game, Mahomes has a 2-1 record in the Super Bowl, all as starting quarterback. He now has a 3-1 record. Coincidentally, . . .
- Patrick Mahomes Wikipedia: Mahomes has led the Chiefs to six consecutive AFC Championship Game appearances and four Super Bowl appearances since becoming the team's starting quarterback ...
- Patrick Mahomes Super Bowl Stats: How Chiefs QB Has Played on . . . : Kansas City's superstar QB went 2-1 in his first three Super Bowl appearances, throwing for a combined 738 yards, five touchdowns and four . . .
- Chiefs QB Patrick Mahomes has had staggering production in his 17...: Chiefs QB Patrick Mahomes has had staggering production in his 17-game playoff career.
- All-Super Bowl 58 Team: Patrick Mahomes takes the spot at QB . . . : All-Super Bowl 58 Team: Patrick Mahomes takes the spot at QB, 49ers dominate skill positions. 2RYM80X San Francisco 49ers running back Christian . . .
- Chiefs defeat all 31 NFL teams with Patrick Mahomes as starter after ...: Chiefs defeat all 31 NFL teams with Patrick Mahomes as starter after win vs. Vikings. Jared Bush. Sun, Oct 8, 2023 1 min read.
- What was Patrick Mahomes' NFL Combine record like? Revisiting . . . : Quarterback Patrick Mahomes of the Kansas City Chiefs led his team to defeat the San Francisco 49ers 2522 in overtime on Sunday, . . . .
- Patrick Mahomes II: Mahomes became just the second quarterback in NFL history to throw for 50 touchdowns and 5,000 passing yards in a season, and the fastest player to 4,000 . . .
- Patrick Mahomes Chiefs.com: Kansas City Chiefs quarterback Patrick Mahomes shows off his arm strength with a deep shot down the field to Chiefs wide receiver Mecole Hardman for a huge 52-...
- NFL stats and records, Week 7: Chiefs QB Patrick Mahomes puts ...: NFL stats and records, Week 7: Chiefs QB Patrick Mahomes puts himself among HOFers with performance vs. 49ers 1. Patrick

Mahomes (.790) 2.

## "teams quarterbacked by Brock Purdy performance"

- 49ers QB Brock Purdy's top-5 best career games before Super Bowl ...: Former Iowa State QB Brock Purdy's top-5 NFL games heading into Super Bowl 2024 1. 11/19/23 vs. Tampa Bay Buccaneers 2. 1/14/23 vs. Seattle ...
- 49ers QB Brock Purdy moves on from career-worst performance to ...: Purdy had the worst performance of his NFL career in a 33-19 home loss to the Baltimore Ravens on December 25, throwing for 255 yards and four ...
- Brock Purdy Stats, News and Video QB NFL.com: Latest on QB Brock Purdy including news, stats, videos, highlights and more on NFL.com.
- What we learned about 49ers QB Brock Purdy in Super Bowl LVIII: It appears for now the 49ers have a long-term answer at QB with Brock Purdy after his Super Bowl LVIII performance.
- Brock Purdy San Francisco 49ers Quarterback ESPN: View the profile of San Francisco 49ers
   Quarterback Brock Purdy on ESPN. Get the latest news, live stats and game highlights.
- An Honest Assessment of 49ers QB Brock Purdy's Performance in ...: Grant Cohn gives an honest assessment of San Francisco 49ers quarterback Brock Purdy's ... Duration: 4:23 Posted: Jan 29, 2024
- Brock Purdy stats vs. top defenses: Why Chiefs will be among 49ers . . . : In total, Purdy has played against four teams that rank top 10 in both defensive DVOA and EPA: the Steelers, Cowboys, Browns, and Ravens. The . . .
- Brock Purdy Wikipedia: In Week 5, against the Cowboys, Purdy completed 17-of-24 passes for 252 yards and four touchdowns. With this victory, Purdy became the fourth quarterback in NFL . . .
- 5 Things to Know: Quarterback Brock Purdy 49ers.com: Purdy has the most wins of any quarterback in Iowa State history, leading the program to a 30-17 record. He started in 46 games to finish his collegiate career . . .
- Brock Purdy Stats Summary NFL.com: QB Career; 2023, San Francisco 49ers, 16, 16, 308 ...

#### How Was This Done?

Generated by Michael L. Thompson with OpenAI's GPT-4 (gpt-4-turbo-preview).

- Python-based Jupyter Lab Notebook: The contents of this document were generated through coded prompting of OpenAI's GPT-4 using the Python package instructor by Jason Liu.
  - Input: the text string "Would the Niners have won Super Bowl LVIII if Patrick Mahomes had quarterbacked the Niners and Brock Purdy had quarterbacked the Chiefs?".
  - Output: this report as an R Markdown text file.
- **GPT-4 Plan Generation:** GPT-4 autonomously generated the query plan (using code based off of an instructor example).
- GPT-4 Plan Execution: GPT-4 then autonomously executed the plan, which involved the following:
  - writing search queries and initiating calls to Serper (Google Search API) for searching,
  - generating responses to the questions in the plan using the searches as context, and
  - creating all text in the Outline, Summary, and Sub-Propositions sections.
- Python Report Generation: The Python code then consolidated GPT-4 responses into an R Markdown text file.
- Manual Rendering: Manually, this section was written, the Query Plan Outline was re-formatted, and, via RStudio, the PDF document was rendered. A few miscellaneous manual formatting corrections were also done. No other content was manually generated or edited.