

"Cricketing Greatness: A Visual Story of Sachin Tendulkar's Test Cricket Legacy"

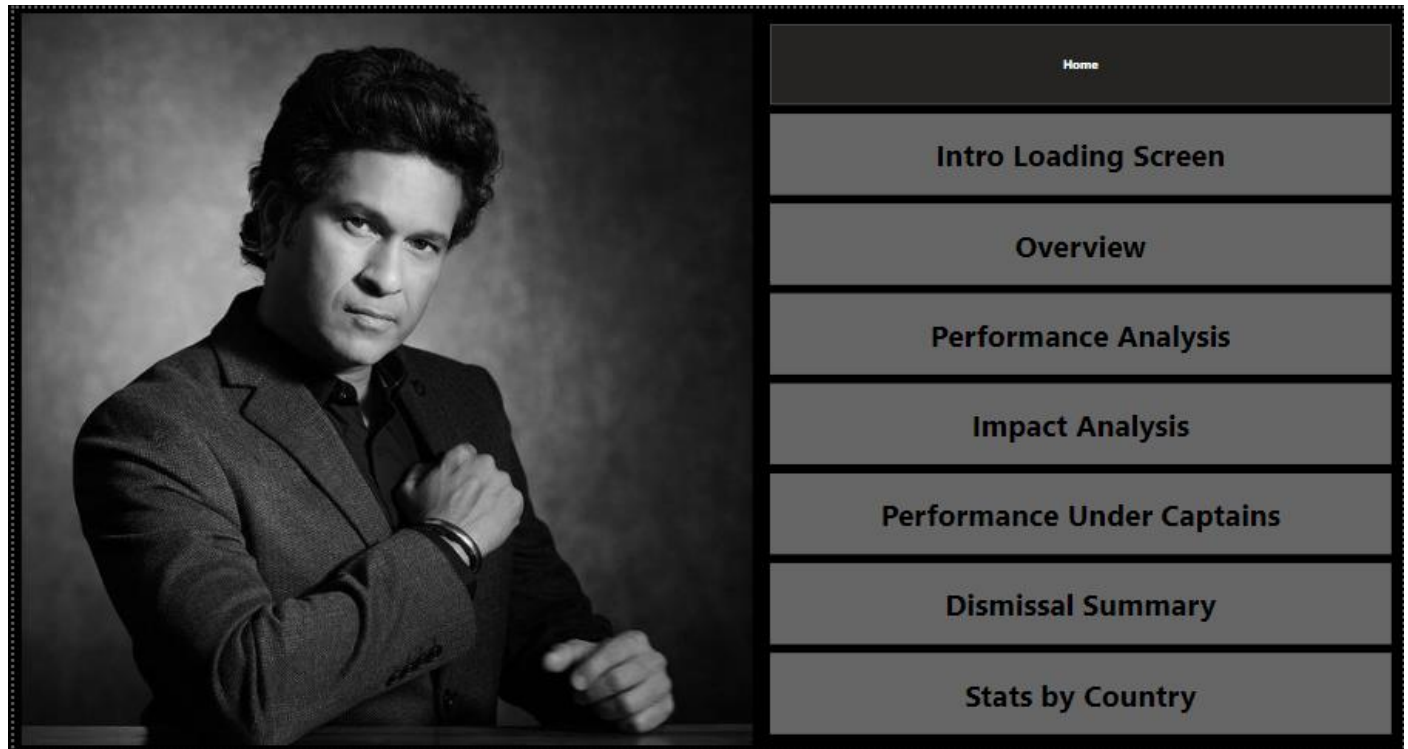
The little master hits the most important half century of his life on April 24, 2023. Happy Birthday @SachinTendulkar. Worked on and completed a dashboarding and analysis project that showcases a 360-degree complete overview and in-depth analysis of Sachin's test career with the help of Power BI.

Data Sources: www.espncrinfo.com | www.howstat.com | Wikipedia | Images from Google and Pinterest

Data Wrangling, Cleaning and Transformation was done with the help of MS Excel.

Dashboards Summary:

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Intro Loading Screen:



Sachin Tendulkar is widely considered one of the greatest cricketers of all time, and his test cricket career spanned over two decades.

Tendulkar made his Test debut in November 1989 at the age of 16 and played his last Test in November 2013 at the age of 40. He holds numerous records in Test cricket, including the most runs scored, most centuries, and most half-centuries. He also scored the first double century in a one-day international, in 2010 against South Africa.

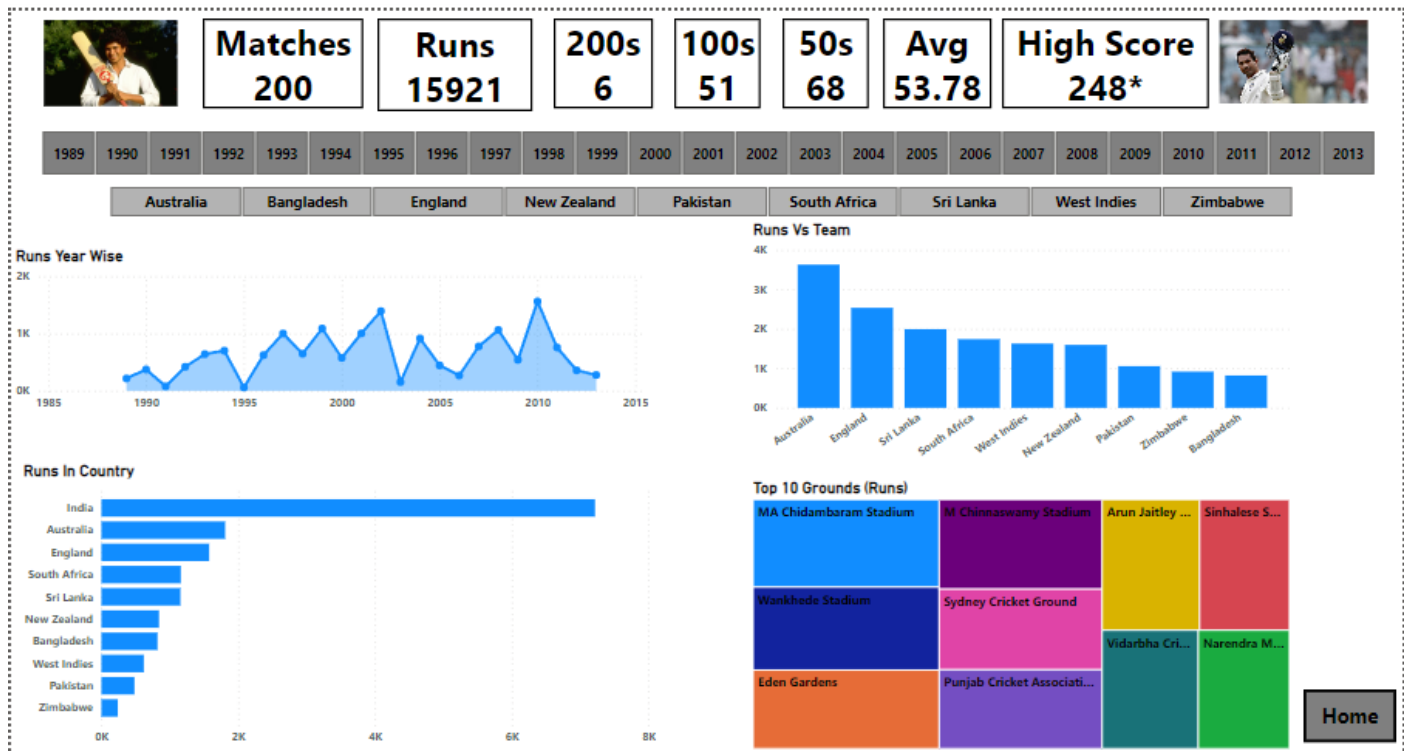
Throughout his career, Tendulkar was known for his technical mastery of the game, his ability to play long innings, and his consistent performance across different conditions and against different opponents. He was also a key member of the Indian team that won the World Cup in 2011.

"Tendulkar is to Cricket what Michael Jordan is to Basketball and Muhammad Ali to Boxing" ~ Brian Lara

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Sachin's test career summed up concisely.

Overview:



The top row comprises of text boxes representing Sachin's overall test statistics.

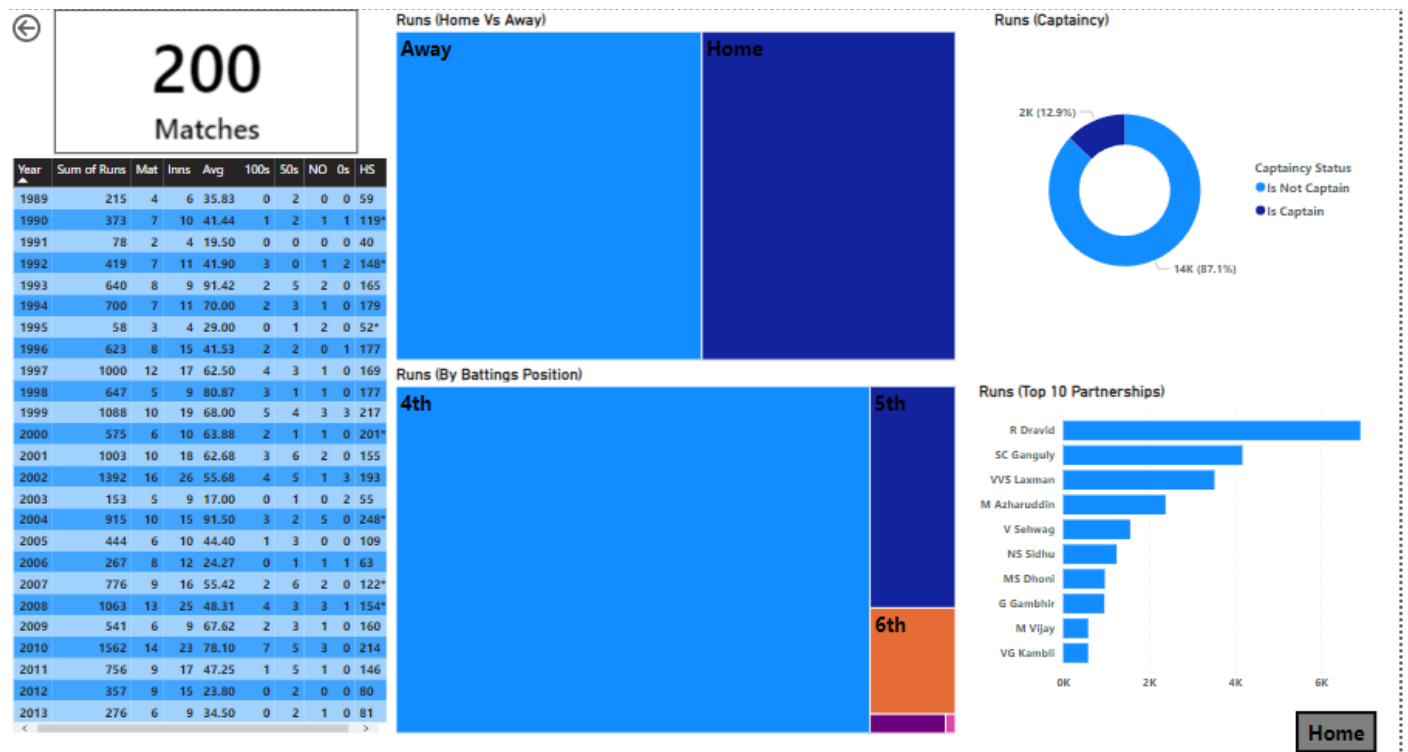
There are slicers for each year that he has played for India from 1989 to 2013 along with a slicer for opponents (Team Countries / Test playing countries)

The area chart represents the year wise runs scored and the column chart on the right represents runs scored against each country [Can be filtered with slicers mentioned above]

The bar chart on the bottom left is for the runs scored in each country including India (Home) and Away Countries. It can be observed that he has scored 1800+ runs in Australia at an average of 53 and 1500+ runs in England at an average of 54 with a combined 10 hundreds which is no mean feat as it is incredibly hard to play in the fast paced and bouncy pitches of Australia (WACA Perth and Sydney) and Swinging conditions in England (Lord's and The Oval) against the respective home country bowling attack.

The Treemap on the bottom right is top 10 grounds w.r.to. runs scored. It can be observed that even though Sachin's from Mumbai, it is Chepaulk (M.A. Chidambaram Stadium) where he has scored the most runs at a venue with 970 runs in just 10 matches with a staggering average of 88 and 5 centuries.

Performance Analysis:



The top left has a Rotating tile showcasing complete test stats.

The bottom table showcases complete year wise stats. It can be observed, the period 1997 thru 2002, Sachin's stat was a staggering 5750 runs at an average of 64 with 21 centuries. This was the absolute peak of Sachin's test batting.

During that six-year period from January 1997 to December 2002, Tendulkar was unquestionably the best batsman in the world, handling pace in Australia and South Africa as effectively as he did spin in Sri Lanka.

In only 59 Tests he managed 21 centuries - an average of one every 2.81 matches.

Best Test batsmen between Jan 1997 and Dec 2002 [Source: [espnricinfo article](#)]

Batsman	Tests	Runs	Average	100s/ 50s
Sachin Tendulkar	59	5705	63.38	21/ 20
Andy Flower	41	3464	56.78	9/ 18
Matthew Hayden	35	3054	56.55	12/ 10
Rahul Dravid	62	5178	55.08	14/ 25
Aravinda de Silva	38	3134	54.98	12/ 9
Inzamam-ul-Haq	49	3740	51.94	12/ 15
Jacques Kallis	63	4447	51.70	11/ 25
Ricky Ponting	57	3916	50.85	14/ 14

There was a huge dip in the runs in 2003 as you can see, was because of a dip in his form. His scores in 2003 read 8, 7, 55, 1, 0, 1, 37, 0, 44. Sachin didn't score a Test century in nine innings spread over a year, his average for this period stands at a meagre 17 and 14 years into international cricket, he was having the worst 12 months of his career. But during this period his form in ODI was phenomenal and he was the man of the series in the 2003 ODI World Cup for scoring 673 runs in 11 matches at an average of 62 with 6 half centuries and one century with a high score of 152! [Source: [India Today Article](#)]

But as any great player would do, he rose from the dip and in 2004 scored 915 runs at an average of a staggering 91.5 with 3 centuries also registering his highest score in test cricket 248* against Bangladesh.

2006-07 was undoubtedly the single worst phase for Sachin. After about 16 years of international cricket, he suffered from a career threatening Tennis Elbow. It costed him a dip in his form, break from cricket and doubts over his career. A lot of things went south during this period. Once again what all great players do, he bounced back in 2008 and the phase between 2008-10 was phenomenal, probably the best 3 years of his career w.r.to tests after the 90's run. His stats read 2667 runs at an average of 65 with 13 centuries of which 7 came in 2010 where his average was 78 and the highest number of centuries in a calendar year (7 Centuries in 2010). This is what champion players do when their back's against the wall and the only option is to believe and move onwards and upwards! [Source: [Quora Link](#)]

The first treemap showcases Home Vs. Away runs where you can observe he has scored 8705 runs at an average of 55 with 29 centuries and 36 half centuries with a staggering conversion rate of 80.5%. His overall 50 to 100 conversion rate is 75% which is a staggering and incredible record, one that may never be broken.

The second treemap showcases runs scored by batting position. The best No.4 test batsman to ever play test cricket for India, was Sachin. Out of the 271 innings he has played in Tests, 220 have been at the No. 4 slot, where he has amassed more than 11,000 runs at an average exceeding 57.

The donut chart shows the total runs scored as a captain and not as a captain. Captaincy did take a toll on the little master's batting maybe more in the ODI format than test cricket.

The bar chart showcases the top 10 batting partners of Sachin w.r.to runs scored. No surprise The Wall Rahul Dravid was his best dance partner with close to 7000 runs with 20 (100 runs partnership) and 29 (50 runs partnership) and the 7000 runs came at an average of 50.51 with the highest partnership score of 249 runs.

Impact Analysis:

Match Innings				Batting First Vs Chasing		Match Result		
1st	2nd	3rd	4th	Batting First	Chasing	Drawn	Lost	Won
Matches	Innings	Runs	Avg	High Score				
91	91	5608	65.97	241*				
100s	50s	0s	Not Outs					
20	20	3	6					

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This dashboard has a clean interface with cards showing the stats and slicers for 3 critical impact analysis points,

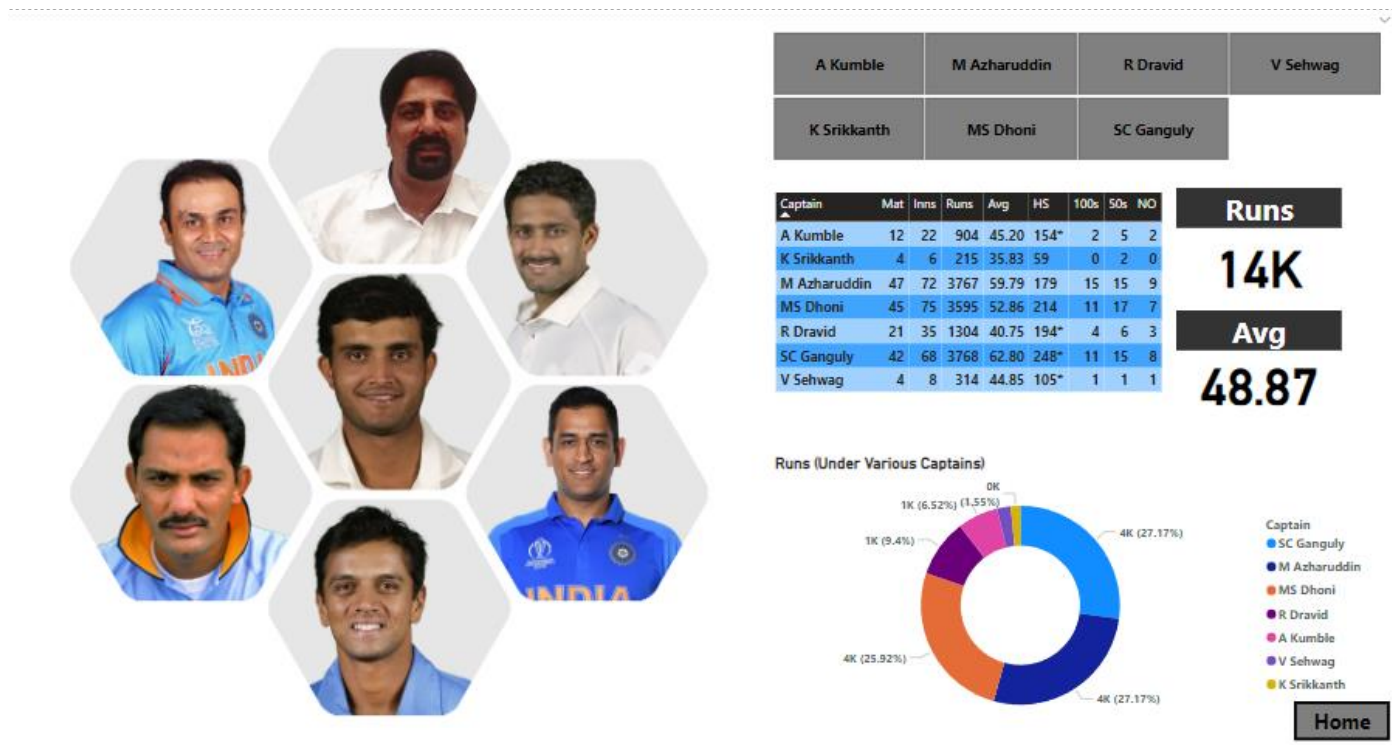
1. Runs scored by Match Innings (1st, 2nd, 3rd and 4th)
2. Runs scored w.r.to Batting First Vs. Chasing
3. Runs scored - Impact of it on Match Result (Won, Lost, Drawn)

One of the criticisms levelled against Sachin has been his relative lack of runs in second team innings. He averages only 46.81 in the 3rd innings, and 36.93 in the 4th innings. However, that also means he has been exceptional in the first innings, thus setting up games for India. He averages 65.97 in all first innings for the team. One more thing to note that in the first innings his conversion rate of 50 to 100s is 20 out of 20 (100%) and second innings is 18 of 26 (70%) which is just phenomenal.

Batting first he has 8227 runs at average of 58.34 with 29 100s and 32 50s (Conversion rate of 90%) and while chasing the stats read 7694 runs at an average of 50 with 22 100s and 36 50s (Conversion rate of 61%)

One more phenomenal stat is close to 6000 runs at an average of 62 with 20 100s and 24 50s (Conversion rate 83%) came at India's winning cause which shows his impact on the overall of performance of Indian Team. This was a morale boost for other players as it helped forge solid partnerships with Dravid, Ganguly, Laxman, and Sehwag and helped Team India Win.

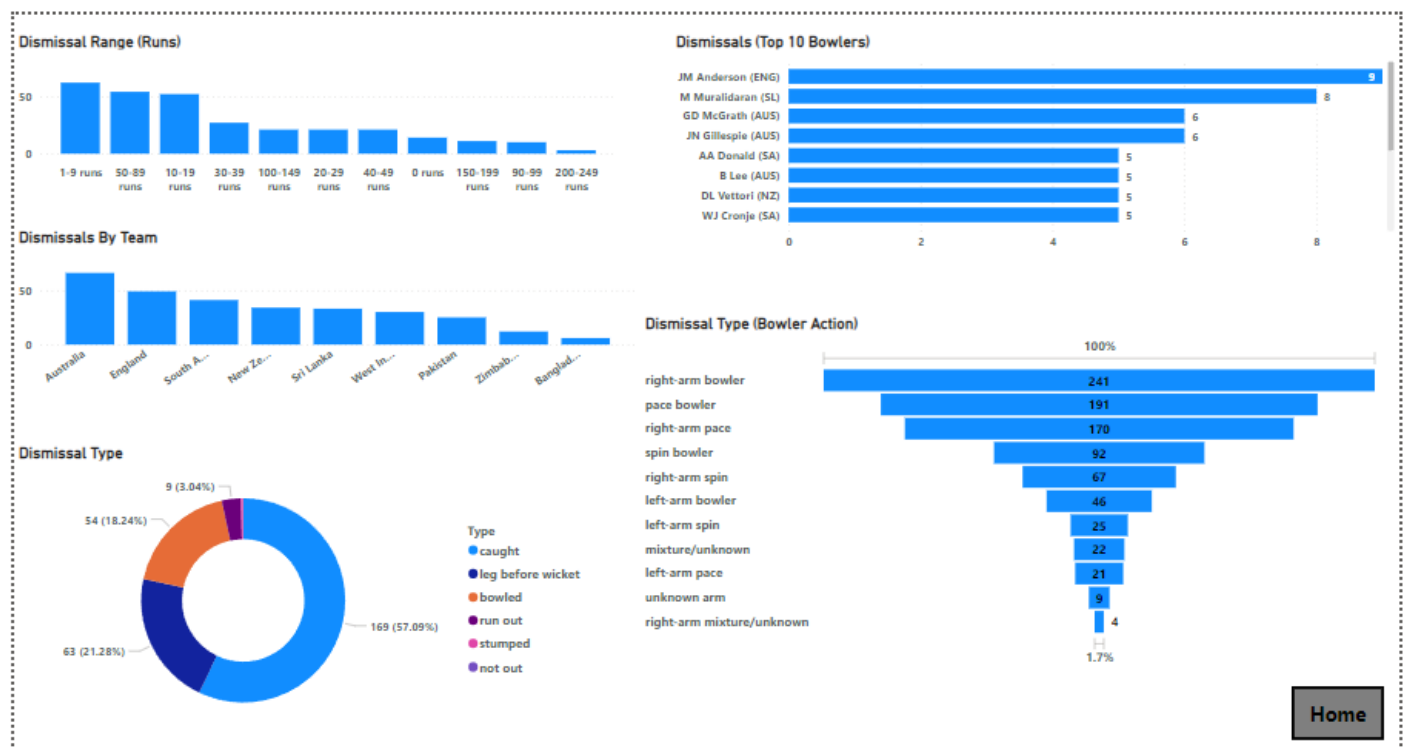
Performance Under Captains:



This dashboard shows the performance of Sachin under all his test captains. As you can observe, under Ganguly's captaincy Sachin's stat reads 3768 runs at an average of 62.80 with 11 100s and 15 50s (Conversion rate of 73.33%). Not only did Ganguly have a great partnership with Sachin in terms of runs, but he also gave up his opening spot in tests as well as in ODI's to help then upcoming young cricketer's like Sehwag and Gambhir to have a chance at getting better at their craft and gain valuable experience. This to me was a phenomenal move as later Sehwag was opening with Sachin in ODI's was the greatest thing to happen for the Indian ODI Team as their partnership helped India win so many matches and in turn many series and tournaments for Team India.

The test batting order at that time was Sehwag Opening at No.1, Dravid at No.3, Sachin at No.4, Ganguly at No.5 and VVS Laxman at No.6. The Fab 5 as said by Harsha Bhogle at Sachin's Autobiography book Launch "Playing it my way", this was Indian Batting at its peak. The Greatest line up ever in Indian cricket and probably ever in the history of Cricket. [YouTube Link: [The Fab 5](#)]

Dismissal Summary:



This dashboard showcases the dismissal summary of Sachin.

The column chart on the top left showcases the run range in which he got dismissed. He was dismissed 10 times in the nervous 90s and 54 times between 50 to 89 runs.

The second column chart shows the dismissal by team. Australia has the most dismissals with 66 and England with 49. This is evident from the fact that he has played 71 test matches against them and so naturally the dismissals are high.

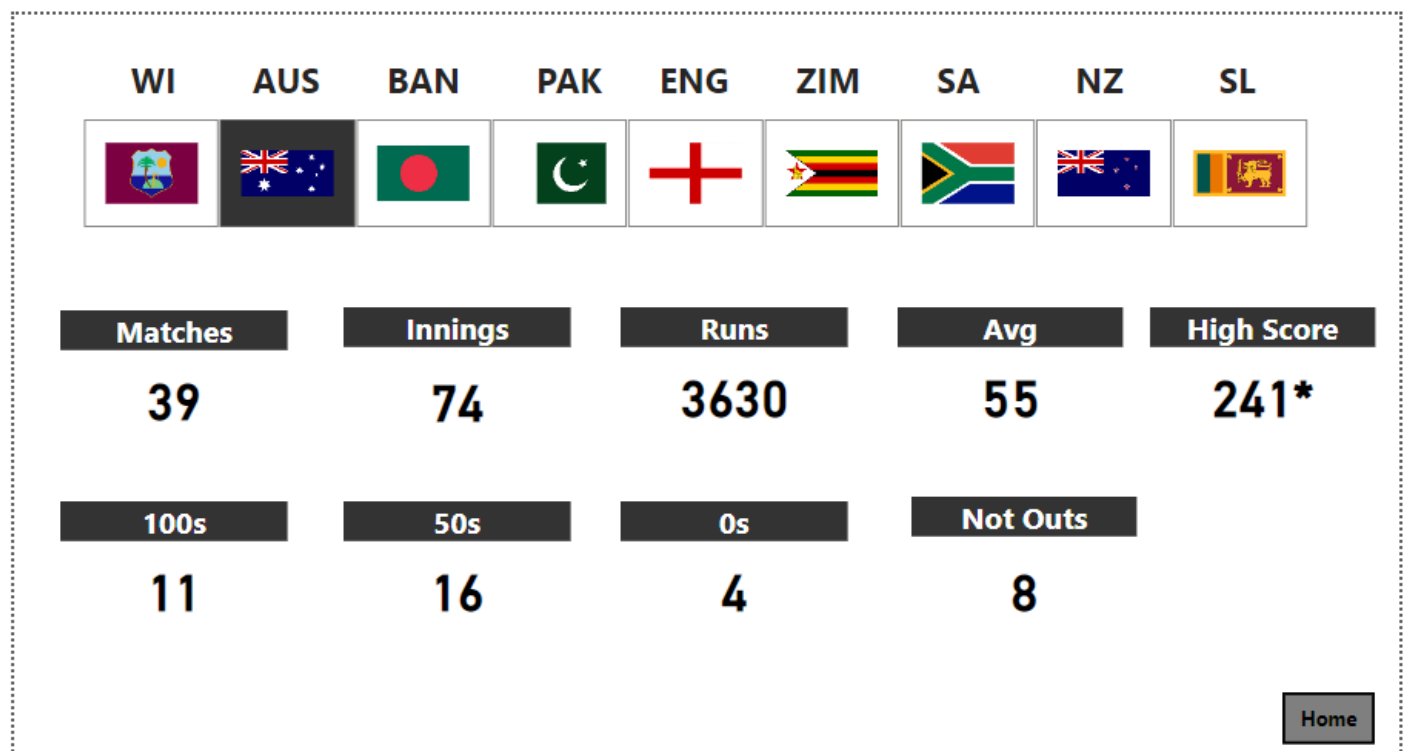
The donut chart shows dismissal by type. One stat to note is that Sachin has been run out only 9 times in his entire test career spanning 24 years and 200 matches. It's a testament to his brilliant running between the wickets and overall fitness.

One more stat is he was clean bowled just 54 times, a tribute to his impeccable defense and technical mastery of the game.

The bottom right funnel chart shows the type of bowling action w.r.to dismissals. He has been dismissed the most by right hand bowlers (241). Total dismissal by spin bowlers is at 92, which shows his excellent ability to play spin bowling at home as well as away wickets.

The top left bar chart shows the top 10 bowlers with the most dismissals against Sachin. Jimmy Anderson with his impeccable swing bowling is at the top with 9 dismissals followed by Muralidaran with 8 and Glenn McGrath with 6 respectively.

Stats by Country:



This dashboard again has a clean interface showcasing the stats w.r.to each test playing country. Flags were marked as slicers by importing them as an image URL link in Excel and changing the data type as image URL in Power BI.

A standout feature of Tendulkar's career has been his tendency to save his best play arguably for the greatest team of his generation, Australia. Few batsmen have consistently got the better of Australia over the last two decades, but Sachin is clearly one of them. Later in his career some of the others including Laxman and Sehwag, especially also showed their liking for the Australian attack, but Tendulkar is the one player who has sustained his performances against Australia for 20 years. [Source: [espncricinfo article](#)]

Top Performers against Australia (Highest Test averages against Australia since 1990) [Source: [espncricinfo article](#)]

Batsman	Tests	Runs	Average	100s/ 50s
Sachin Tendulkar	29	2748	56.08	10/ 11
VVS Laxman	24	2204	55.10	6/ 10
Virender Sehwag	15	1483	51.13	3/ 7
Brian Lara	31	2856	51.00	9/ 11
Kevin Pietersen	12	1116	50.72	2/ 7
Richie Richardson	14	1084	49.27	4/ 4
Graham Thorpe	16	1235	45.74	3/ 8
Shivnarine Chanderpaul	17	1303	44.93	4/ 8

I have to the best of my ability have done a complete analysis of Sachin's test career. A lot of qualified experts have done more in-depth analysis of his career. There is a famous expression in Pro-Wrestling, **"The Greatest to ever lace up a pair of boots"**, Similarly in **cricket**, in my opinion, there is one caveat, one hidden variable, one intangible that makes Sachin arguably, **"The Greatest to ever pick up a cricket bat"** and that is the **"Pressure"** of playing on behalf of and for a billion people every single match, every single day and night, every single year for 24 years. Think about it for a minute! Boom Goes the Dynamite! In my book Along with Sachin this Player was in every single way talented, dependable and a phenomenal performer as Sachin was. One clue, he is the Greatest No.3 to play for India, and arguably the Greatest No.3 to ever play the game of Cricket.

The mid to late 90's and early 2000's was the greatest time to be alive as a cricket fan as both International Cricket and Sachin were at their respective peaks. When Sachin batted time indeed really stood still. When Sachin was

batting people were invested to see him play a phenomenal innings, be it a TV showroom, barber shop, Office, Neighbour's House or our home, everyone tuned in to see the little master bat. It was wonderful to witness the beautiful sweep shots, stunning cover drives, the pull shot, the flick and my personal favourite the straight drive every time Sachin came out to Bat. The craze, the fan following and sheer love and support that he got from fans not only in India, but all over the world was just a thing of beauty. It truly was a magical time, and it was nothing but an absolute privilege to see Sachin and International Cricket at the time.

With that I bid adieu! Thank You for Reading!

In the comments section, guess that No.3 batsman and also mention who in your book is the greatest batsman to play test cricket, Is it Sachin or Lara or Ponting or Kallis or Sangakkara or Cook or Steve Waugh or anyone else ! Comment below!

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Thank You!