

**RUNGTAA COLLEGE OF ENGINEERING & TECHNOLOGY, BHILAI
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

1. Name - ABHISHEK KUMAR
2. Sec - C.S.E(core)C
3. Erp - 6604209
4. Uni Roll No - 301302223011
5. Project Guide - Dhristi Jain
6. Project Name - Men's Test Team Match Results (20th Century)
7. GitHub Link - <https://github.com/Abhi7-tech/Men-Cricket-Test-Team-Match-Results---20th-Century>



Data Analyst Report: Men's Test Team Match Results (20th Century)

Dataset Overview

Total Records: 2,946 matches

- Time Period: Entire 20th century (1900–1999)
- Columns Overview:
- Result: Outcome of the match (Won, Lost, Drawn, etc.)
- Margin: Win/loss margin
- Match: Participating teams
- Home/Away: Indicates if the team was home or away
- Ground: Match venue
- Match Date, Month, Year, Period: Temporal data
- Matches: Appears to be count or index (constant 1 for all rows)
- Country: Likely the team for which the result is recorded

- 🔎 Key Insights (Initial Observations)

Let's now process the data to answer key questions:

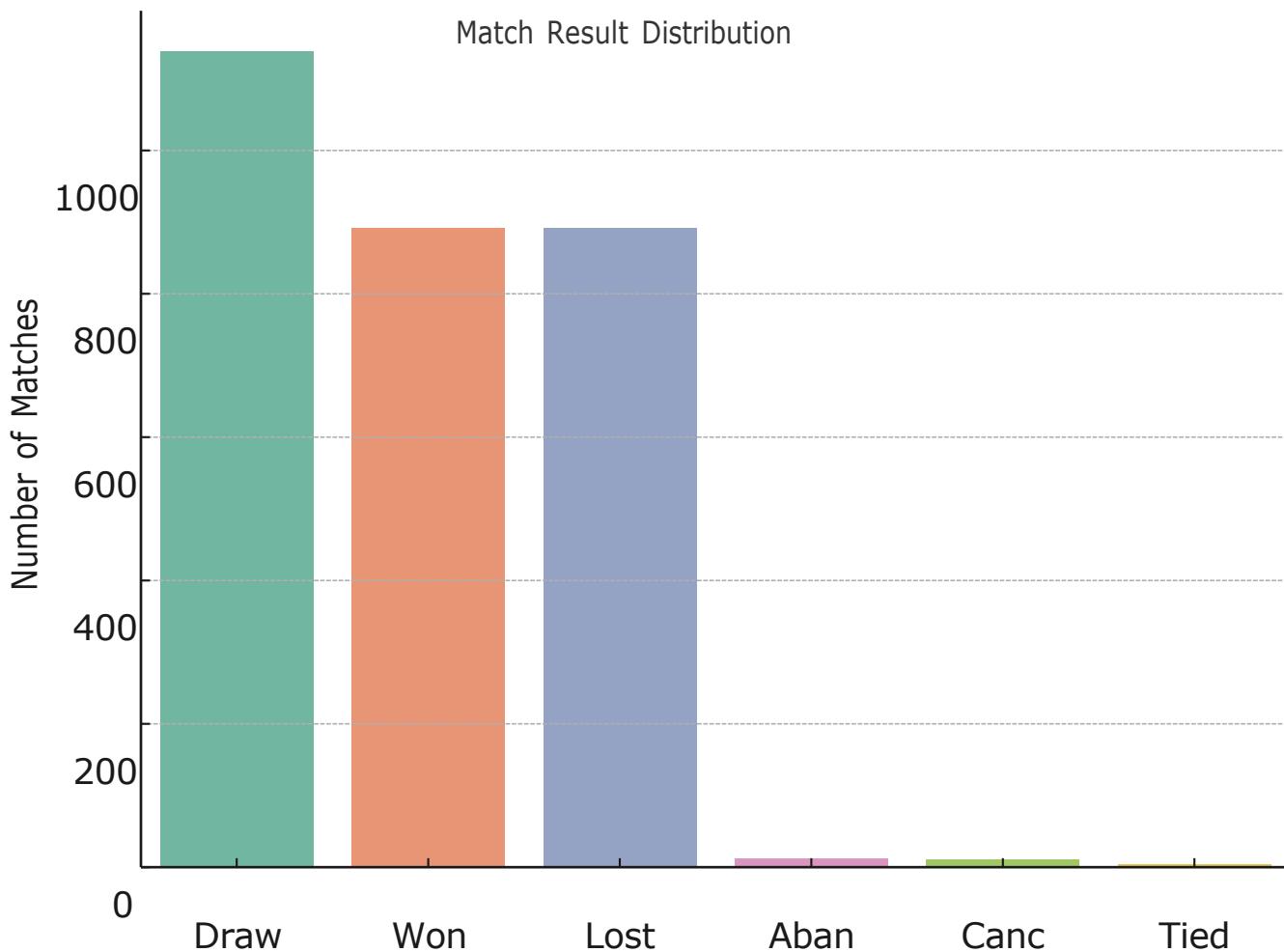
1. Overall match outcome distribution
2. Performance over time (by decade)
3. Home vs Away performance
4. Top venues by number of matches
5. Country-wise performance summary

 Data Analyst Report:

● 1. Match Result Distribution

- Draws: 1,138 matches
 - Wins: 891 matches
 - Losses: 891 matches
 - Abandoned (Aban): 12 matches
 - Cancelled (Canc): 10 matches
 - Tied: 4 matches
- ◆ Draws dominate the 20th-century Test match outcomes, making up nearly 39% of all matches.

Match Result Distribution



🟡 2. Decade-Wise Performance Trends

Decade	Matches	Wins	Losses	Draws	Others
1900s	82	31	31	2	0
1960s	370	97	97	176	2tied
1990s	702	223	243	248	6Aban,2Canc

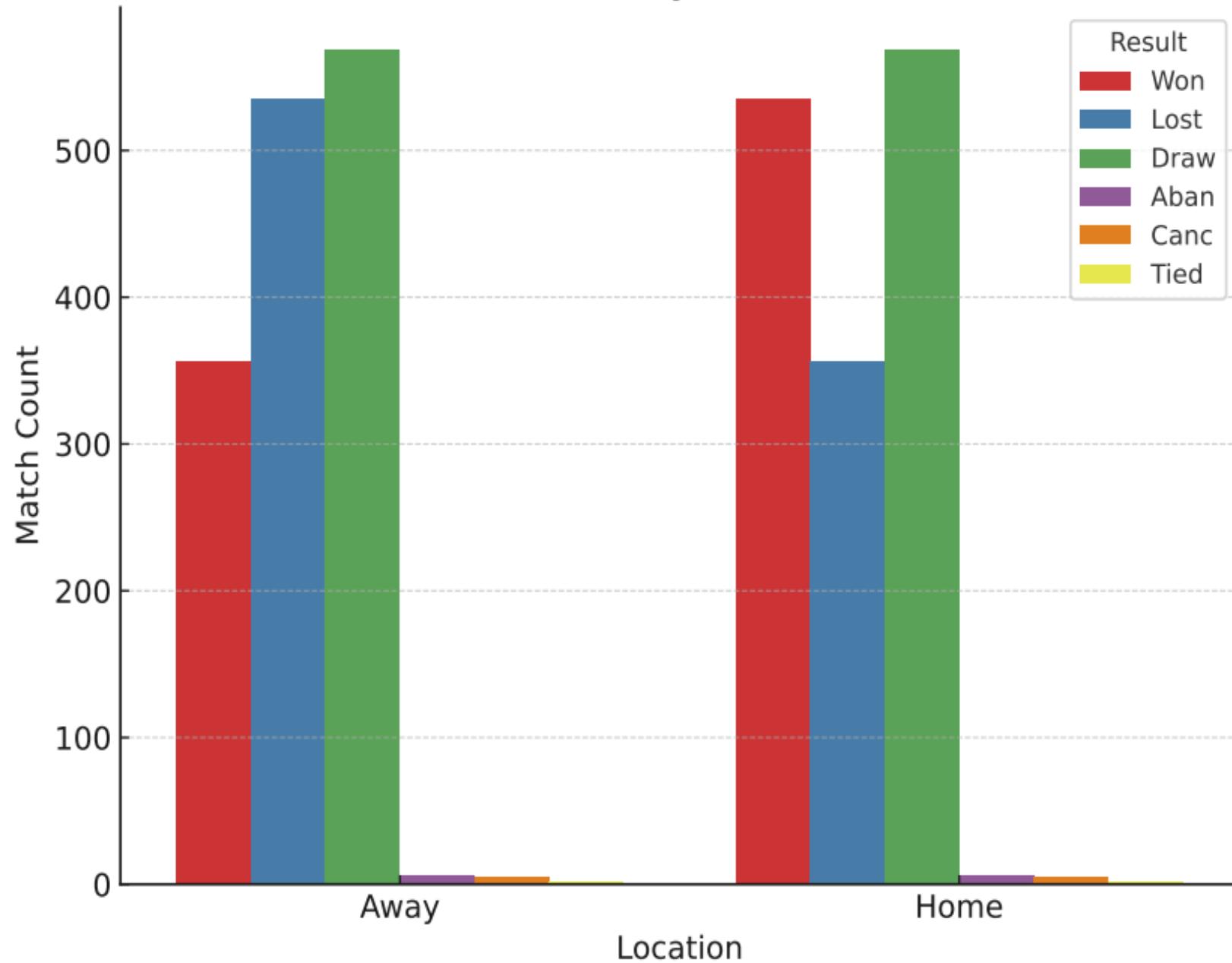
- There was a significant rise in match frequency over the decades.
- Draws peaked in the 1980s and 1990s.
- Tied matches only occurred in the 1960s and 1980s.

● 3. Home vs Away Performance

Context	Wins	Losses	Draws	Tied	Others
Home	535	356	569	2	11
Away	356	535	569	2	11

- ◆ A clear home advantage is visible: teams win 50% more matches at home than away.

Home vs Away Performance



● 4. Top Grounds (by Matches Played)

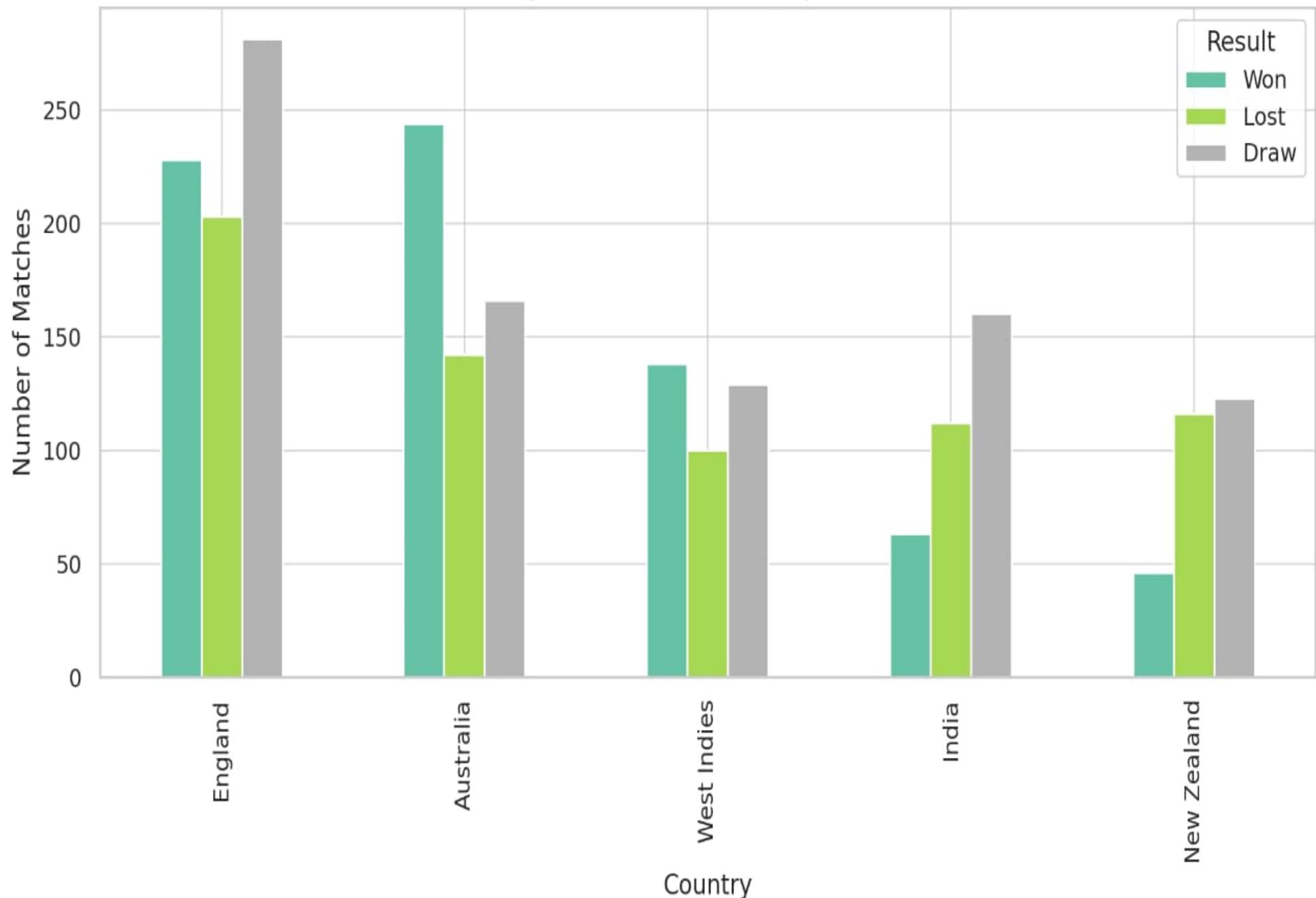
- Lord's (England): 186 matches
 - Melbourne (Australia): 160
 - The Oval (England): 148
 - Sydney (Australia): 144
 - Manchester (England): 122
- ◆ England and Australia dominate the list of most-used grounds.

● 5. Country-Wise Performance Summary (Top 5 teams shown)

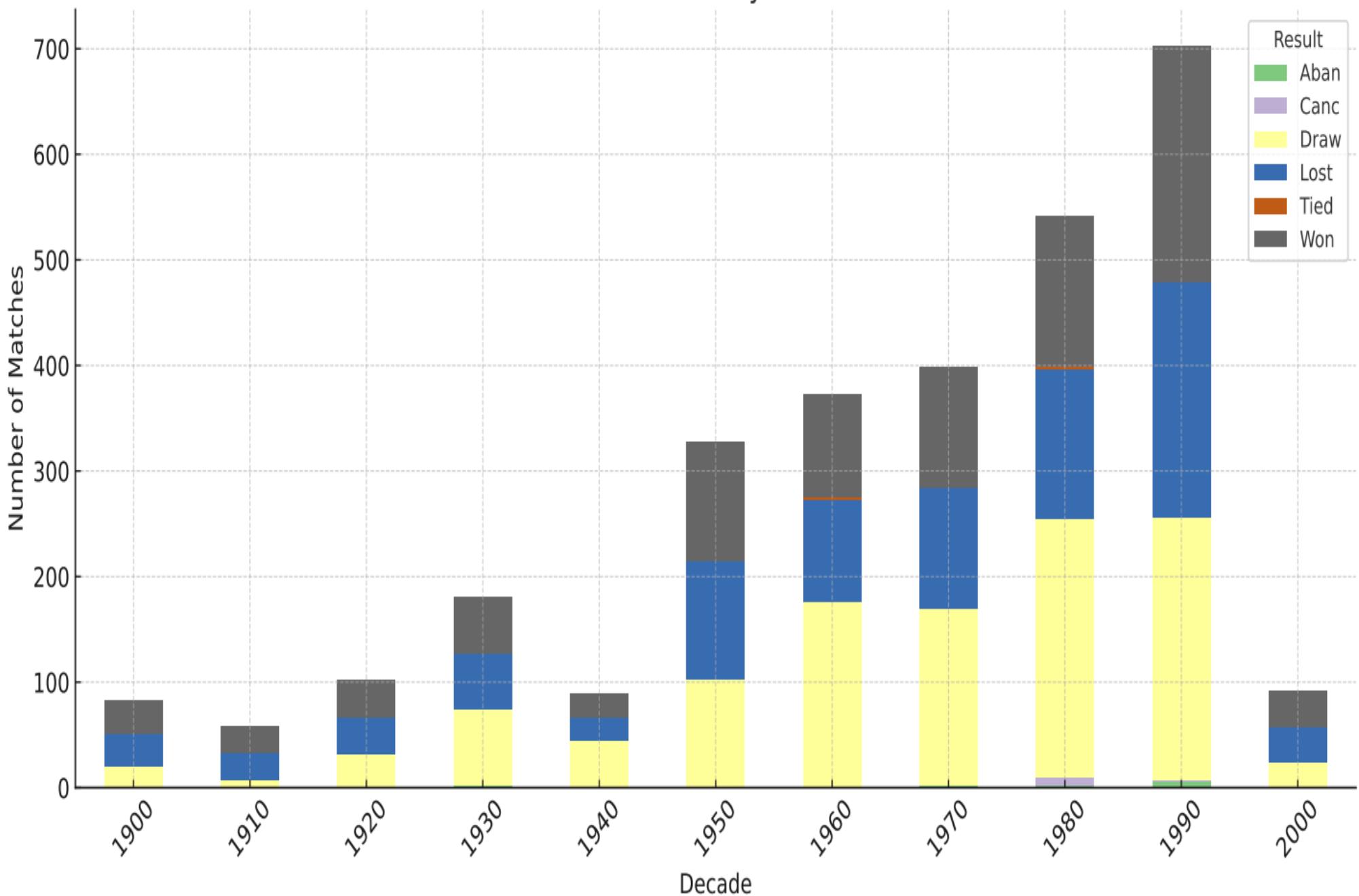
Country	Won	Lost	Draw	Tied	Other
Australia	244	142	166	2	2 Aban
England	228	203	281	0	4
India	63	112	160	1	2
New Zealand	46	116	123	0	4
Bangladesh	0	1	0	0	0

- ◆ Australia has the highest win count (244), indicating dominance in 20th-century Test cricket.
- ◆ England played the most matches and had the most draws.

Country-wise Match Results (Top 5 Countries)



Performance by Decade



Top 10 Grounds by Match Count

