

T20 MATCH ANALYSIS

```
In [ ]:
import pandas as pd
import json
```

PROCESS MATCH SUMMARY

```
In [8]: with open('C:\jupyternotebook\t20_json_files\t20_json_files\t20_wc_match_results.json') as f:
data=json.load(f)
```

```
In [14]: df=pd.DataFrame(data[0]['matchSummary'])
df.head()
```

	team1	team2	winner	margin	ground	matchDate	scorecard
0	Namibia	Sri Lanka	Namibia	55 runs	Geelong	Oct 16, 2022	T20I # 1823
1	Netherlands	U.A.E.	Netherlands	3 wickets	Geelong	Oct 16, 2022	T20I # 1825
2	Scotland	West Indies	Scotland	42 runs	Hobart	Oct 17, 2022	T20I # 1826
3	Ireland	Zimbabwe	Zimbabwe	31 runs	Hobart	Oct 17, 2022	T20I # 1828
4	Namibia	Netherlands	Netherlands	5 wickets	Geelong	Oct 18, 2022	T20I # 1830

```
In [16]: #now we want to make the scorecard as the primary key, hence lets rename scorecard as match_id
df.rename(columns={"scorecard":"match_id"},inplace=True)
```

```
In [18]: df.head()
```

	team1	team2	winner	margin	ground	matchDate	match_id
0	Namibia	Sri Lanka	Namibia	55 runs	Geelong	Oct 16, 2022	T20I # 1823
1	Netherlands	U.A.E.	Netherlands	3 wickets	Geelong	Oct 16, 2022	T20I # 1825
2	Scotland	West Indies	Scotland	42 runs	Hobart	Oct 17, 2022	T20I # 1826
3	Ireland	Zimbabwe	Zimbabwe	31 runs	Hobart	Oct 17, 2022	T20I # 1828
4	Namibia	Netherlands	Netherlands	5 wickets	Geelong	Oct 18, 2022	T20I # 1830

now we want to make a dictionary which will later on used to link tables in the steps ahead

```
In [52]: match_id_dict={}
for index,row in df.iterrows():
    key1=row['team1']+ ' Vs '+row['team2']
    key2=row['team2']+ ' Vs '+row['team1']
    match_id_dict[key1]=row['match_id']
    match_id_dict[key2]=row['match_id']
match_id_dict
```

```
Out[52]: {'Namibia Vs Sri Lanka': 'T20I # 1823',
'Sri Lanka Vs Namibia': 'T20I # 1823',
'Netherlands Vs U.A.E.': 'T20I # 1825',
'U.A.E. Vs Netherlands': 'T20I # 1825',
'Scotland Vs West Indies': 'T20I # 1826',
'West Indies Vs Scotland': 'T20I # 1826',
'Ireland Vs Zimbabwe': 'T20I # 1828',
'Zimbabwe Vs Ireland': 'T20I # 1828',
'Namibia Vs Netherlands': 'T20I # 1830',
'Netherlands Vs Namibia': 'T20I # 1830',
'Sri Lanka Vs U.A.E.': 'T20I # 1832',
'U.A.E. Vs Sri Lanka': 'T20I # 1832',
'Ireland Vs Scotland': 'T20I # 1833',
'Scotland Vs Ireland': 'T20I # 1833',
'West Indies Vs Zimbabwe': 'T20I # 1834',
'Zimbabwe Vs West Indies': 'T20I # 1834',
'Netherlands Vs Sri Lanka': 'T20I # 1835',
'Sri Lanka Vs Netherlands': 'T20I # 1835',
'Namibia Vs U.A.E.': 'T20I # 1836',
'U.A.E. Vs Namibia': 'T20I # 1836',
'Ireland Vs West Indies': 'T20I # 1837',
'West Indies Vs Ireland': 'T20I # 1837',
'Scotland Vs Zimbabwe': 'T20I # 1838',
'Zimbabwe Vs Scotland': 'T20I # 1838',
'Australia Vs New Zealand': 'T20I # 1839',
'New Zealand Vs Australia': 'T20I # 1839',
'Afghanistan Vs England': 'T20I # 1840',
'England Vs Afghanistan': 'T20I # 1840',
'Ireland Vs Sri Lanka': 'T20I # 1841',
'Sri Lanka Vs Ireland': 'T20I # 1841',
'India Vs Pakistan': 'T20I # 1842',
'Pakistan Vs India': 'T20I # 1842',
'Bangladesh Vs Netherlands': 'T20I # 1843',
'Netherlands Vs Bangladesh': 'T20I # 1843',
'South Africa Vs Zimbabwe': 'T20I # 1844',
'Zimbabwe Vs South Africa': 'T20I # 1844',
'Australia Vs Sri Lanka': 'T20I # 1845',
'Sri Lanka Vs Australia': 'T20I # 1845',
'England Vs Ireland': 'T20I # 1846',
'Ireland Vs England': 'T20I # 1846',
'Afghanistan Vs New Zealand': 'T20I # 1846a',
'New Zealand Vs Afghanistan': 'T20I # 1846a',
'Bangladesh Vs South Africa': 'T20I # 1847',
'South Africa Vs Bangladesh': 'T20I # 1847',
'India Vs Netherlands': 'T20I # 1848',
'Netherlands Vs India': 'T20I # 1848',
'Pakistan Vs Zimbabwe': 'T20I # 1849',
'Zimbabwe Vs Pakistan': 'T20I # 1849',
'Afghanistan Vs Ireland': 'T20I # 1849a',
'Ireland Vs Afghanistan': 'T20I # 1849a',
'Australia Vs England': 'T20I # 1849b',
'England Vs Australia': 'T20I # 1849b',
'New Zealand Vs Sri Lanka': 'T20I # 1850',
'Sri Lanka Vs New Zealand': 'T20I # 1850',
'Bangladesh Vs Zimbabwe': 'T20I # 1851',
'Zimbabwe Vs Bangladesh': 'T20I # 1851',
'Netherlands Vs Pakistan': 'T20I # 1852',
'Pakistan Vs Netherlands': 'T20I # 1852',
'India Vs South Africa': 'T20I # 1853',
'South Africa Vs India': 'T20I # 1853',
'Australia Vs Ireland': 'T20I # 1855',
'Ireland Vs Australia': 'T20I # 1855',
'Afghanistan Vs Sri Lanka': 'T20I # 1856',
'Sri Lanka Vs Afghanistan': 'T20I # 1856',
'England Vs New Zealand': 'T20I # 1858',
'New Zealand Vs England': 'T20I # 1858',
'Netherlands Vs Zimbabwe': 'T20I # 1859',
'Zimbabwe Vs Netherlands': 'T20I # 1859',
'Bangladesh Vs India': 'T20I # 1860',
'India Vs Bangladesh': 'T20I # 1860',
'Pakistan Vs South Africa': 'T20I # 1861',
'South Africa Vs Pakistan': 'T20I # 1861',
'Ireland Vs New Zealand': 'T20I # 1862',
'New Zealand Vs Ireland': 'T20I # 1862',
'Australia Vs Afghanistan': 'T20I # 1864',
'Afghanistan Vs Australia': 'T20I # 1864',
'England Vs Sri Lanka': 'T20I # 1867',
'Sri Lanka Vs England': 'T20I # 1867',
'Netherlands Vs South Africa': 'T20I # 1871',
'South Africa Vs Netherlands': 'T20I # 1871',
'Bangladesh Vs Pakistan': 'T20I # 1872',
'Pakistan Vs Bangladesh': 'T20I # 1872',
'India Vs Zimbabwe': 'T20I # 1873',
'Zimbabwe Vs India': 'T20I # 1873',
'New Zealand Vs Pakistan': 'T20I # 1877',
'Pakistan Vs New Zealand': 'T20I # 1877',
'England Vs India': 'T20I # 1878',
'India Vs England': 'T20I # 1878',
'England Vs Pakistan': 'T20I # 1879',
'Pakistan Vs England': 'T20I # 1879'}
```

```
In [53]: df.to_csv('C:\jupyternotebook\project_folder\dim_match_summary.csv', index = False)
```

(2)PROCESS BATTING SUMMARY

```
In [54]: with open('C:\jupyternotebook\t20_json_files\t20_json_files\t20_wc_batting_summary.json') as g:
data1=json.load(g)
```


[illegible]

[illegible]

('match': 'Pakistan Vs South Africa',
 'teamInnings': 'Pakistan',
 'battingPos': 6,
 'batsmanName': 'Mohammad Nawaz',
 'dismissal': 'lbw b Shamsi',
 'runs': '28',
 'balls': '22',
 'fours': '3',
 'sixs': '1',
 'SR': '127.27',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'Pakistan',
 'battingPos': 7,
 'batsmanName': 'Shadab Khan',
 'dismissal': 'c Stubbs b Nortje',
 'runs': '52',
 'balls': '42',
 'fours': '3',
 'sixs': '4',
 'SR': '126.16',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'Pakistan',
 'battingPos': 8,
 'batsmanName': 'Mohammad Wasim',
 'dismissal': 'c Bavuma b Nortje',
 'runs': '1',
 'balls': '1',
 'fours': '0',
 'sixs': '0',
 'SR': '0.00',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'Pakistan',
 'battingPos': 9,
 'batsmanName': 'Naseem Shah',
 'dismissal': 'c Harris Rauf',
 'runs': '5',
 'balls': '3',
 'fours': '0',
 'sixs': '0',
 'SR': '166.66',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'Pakistan',
 'battingPos': 10,
 'batsmanName': 'Haris Rauf',
 'dismissal': 'run out (Klaasen/Bavuma)',
 'runs': '3',
 'balls': '2',
 'fours': '0',
 'sixs': '0',
 'SR': '150.00',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 1,
 'batsmanName': 'Temba Bavuma(c)',
 'dismissal': 'c &wO Mohammd Rizwan b Shadab Khan',
 'runs': '19',
 'balls': '14',
 'fours': '4',
 'sixs': '0',
 'SR': '189.47',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 2,
 'batsmanName': 'Quinton de Kock&wO',
 'dismissal': 'c Mohammad Harris b Shaheen Shah Afridi',
 'runs': '0',
 'balls': '5',
 'fours': '0',
 'sixs': '0',
 'SR': '0.00',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 3,
 'batsmanName': 'Rilee Rossouw',
 'dismissal': 'c Naseem Shah b Shaheen Shah Afridi',
 'runs': '7',
 'balls': '12',
 'fours': '0',
 'sixs': '1',
 'SR': '136.36',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 4,
 'batsmanName': 'Aiden Markram',
 'dismissal': 'b Shadab Khan',
 'runs': '14',
 'balls': '14',
 'fours': '4',
 'sixs': '0',
 'SR': '142.85',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 5,
 'batsmanName': 'Heinrich Klaasen',
 'dismissal': 'c Mohammad Wasim b Shaheen Shah Afridi',
 'runs': '15',
 'balls': '9',
 'fours': '3',
 'sixs': '0',
 'SR': '166.66',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 6,
 'batsmanName': 'Rizwan',
 'dismissal': 'c Mohammad Nawaz b Naseem Shah',
 'runs': '18',
 'balls': '19',
 'fours': '0',
 'sixs': '1',
 'SR': '100.00',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 7,
 'batsmanName': 'Wayne Parnell',
 'dismissal': 'lbw b Mohammad Wasim',
 'runs': '4',
 'balls': '4',
 'fours': '0',
 'sixs': '0',
 'SR': '75.00',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 8,
 'batsmanName': 'Kagiso Rabada',
 'dismissal': 'run out (Mohammad Nawaz/Haris Rauf)',
 'runs': '2',
 'balls': '2',
 'fours': '0',
 'sixs': '0',
 'SR': '50.00',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 9,
 'batsmanName': 'Anrich Nortje',
 'dismissal': 'c Mohammad Harris b Haris Rauf',
 'runs': '1',
 'balls': '1',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 10,
 'batsmanName': 'Lungi Ngidi',
 'dismissal': '',
 'runs': '1',
 'balls': '1',
 'fours': '0',
 'sixs': '0',
 'SR': '400.00',
 'match': 'Pakistan Vs South Africa',
 'teamInnings': 'South Africa',
 'battingPos': 11,
 'batsmanName': 'Tabraiz Shamsi',
 'dismissal': 'c Adair b Delany',
 'runs': '1',
 'balls': '1',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'New Zealand',
 'battingPos': 1,
 'batsmanName': 'Finn Allen',
 'dismissal': 'c Hand b Adair',
 'runs': '32',
 'balls': '18',
 'fours': '5',
 'sixs': '1',
 'SR': '188.88',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'New Zealand',
 'battingPos': 2,
 'batsmanName': 'Devon Conway&wO',
 'dismissal': 'c Adair b Delany',
 'runs': '33',
 'balls': '21',
 'fours': '2',
 'sixs': '0',
 'SR': '84.84',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'New Zealand',
 'battingPos': 3,
 'batsmanName': 'Kane Williamson(c)',
 'dismissal': 'c Delany b Little',
 'runs': '61',
 'balls': '35',
 'fours': '12',
 'sixs': '3',
 'SR': '174.28',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'New Zealand',
 'battingPos': 4,
 'batsmanName': 'Glenn Phillips',
 'dismissal': 'c Dockrell b Delany',
 'runs': '17',
 'balls': '19',
 'fours': '2',
 'sixs': '1',
 'SR': '138.88',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'New Zealand',
 'battingPos': 5,
 'batsmanName': 'Daryl Mitchell',
 'dismissal': '',
 'runs': '21',
 'balls': '21',
 'fours': '2',
 'sixs': '0',
 'SR': '147.61',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'New Zealand',
 'battingPos': 6,
 'batsmanName': 'James Neesham',
 'dismissal': 'lbw b Little',
 'runs': '0',
 'balls': '1',
 'fours': '0',
 'sixs': '0',
 'SR': '0.00',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 1,
 'batsmanName': 'Paul Stirling',
 'dismissal': 'c Sodhi',
 'runs': '27',
 'balls': '23',
 'fours': '5',
 'sixs': '1',
 'SR': '137.03',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 2,
 'batsmanName': 'Andy Balbirnie(c)',
 'dismissal': 'b b Sautner',
 'runs': '30',
 'balls': '29',
 'fours': '3',
 'sixs': '0',
 'SR': '103.00',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 3,
 'batsmanName': 'Lorcan Tucker&wO',
 'dismissal': 'c Allen b Sodhi',
 'runs': '14',
 'balls': '19',
 'fours': '0',
 'sixs': '0',
 'SR': '92.85',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 4,
 'batsmanName': 'Harry Tector',
 'dismissal': 'c Southee b Sautner',
 'runs': '2',
 'balls': '7',
 'fours': '0',
 'sixs': '0',
 'SR': '28.57',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 5,
 'batsmanName': 'Cuth Delany',
 'dismissal': 'c &wO Conway b Ferguson',
 'runs': '10',
 'balls': '19',
 'fours': '2',
 'sixs': '0',
 'SR': '52.00',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 6,
 'batsmanName': 'George Dockrell',
 'dismissal': 'c Williamson b Ferguson',
 'runs': '15',
 'balls': '15',
 'fours': '3',
 'sixs': '0',
 'SR': '153.33',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 7,
 'batsmanName': 'Curtis Campher',
 'dismissal': 'c Allen b Southee',
 'runs': '7',
 'balls': '7',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 8,
 'batsmanName': 'Fionn Hand',
 'dismissal': 'c & b Ferguson',
 'runs': '5',
 'balls': '13',
 'fours': '1',
 'sixs': '0',
 'SR': '66.66',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 9,
 'batsmanName': 'Mark Adair',
 'dismissal': 'c Phillips b Southee',
 'runs': '5',
 'balls': '5',
 'fours': '0',
 'sixs': '0',
 'SR': '80.00',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 10,
 'batsmanName': 'Barry McCarthy',
 'dismissal': 'c Sodhi',
 'runs': '6',
 'balls': '5',
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 'sixs': '0',
 'SR': '120.00',
 'match': 'New Zealand Vs Ireland',
 'teamInnings': 'Ireland',
 'battingPos': 11,
 'batsmanName': 'Josh Little',
 'dismissal': '',
 'runs': '8',
 'balls': '14',
 'fours': '1',
 'sixs': '0',
 'SR': '57.14',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Australia',
 'battingPos': 1,
 'batsmanName': 'David Warner',
 'dismissal': 'b Naveen-ul-Haq',
 'runs': '18',
 'balls': '18',
 'fours': '5',
 'sixs': '0',
 'SR': '138.88',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Australia',
 'battingPos': 2,
 'batsmanName': 'Cameron Green',
 'dismissal': 'c Gilbadin Naib b FazalHaq Farooqi',
 'runs': '3',
 'balls': '2',
 'fours': '0',
 'sixs': '0',
 'SR': '150.00',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Australia',
 'battingPos': 3,
 'batsmanName': 'Mitchell Marsh',
 'dismissal': 'c &wO Rahmanullah Gurbaz b Mujeeb Ur Rahman',
 'runs': '45',
 'balls': '30',
 'fours': '2',
 'sixs': '3',
 'SR': '150.00',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Australia',
 'battingPos': 4,
 'batsmanName': 'Steven Smith',
 'dismissal': 'lbw b Naveen-ul-Haq',
 'runs': '4',
 'balls': '19',
 'fours': '1',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Australia',
 'battingPos': 5,
 'batsmanName': 'Marcus Stoinis',
 'dismissal': 'c Usman Ghani b Rashid Khan',
 'runs': '25',
 'balls': '21',
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 'sixs': '0',
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 'teamInnings': 'Australia',
 'battingPos': 6,
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 'dismissal': '',
 'runs': '54',
 'balls': '32',
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 'sixs': '2',
 'SR': '168.75',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Australia',
 'battingPos': 7,
 'batsmanName': 'Matthew Wade(c)&wO',
 'dismissal': 'b FazalHaq Farooqi',
 'runs': '19',
 'balls': '18',
 'fours': '3',
 'sixs': '0',
 'SR': '75.00',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Australia',
 'battingPos': 8,
 'batsmanName': 'Pat Cummins',
 'dismissal': 'c Rashid Khan b Naveen-ul-Haq',
 'runs': '2',
 'balls': '2',
 'fours': '0',
 'sixs': '0',
 'SR': '0.00',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Australia',
 'battingPos': 9,
 'batsmanName': 'Kane Richardson',
 'dismissal': 'run out (Naveen-ul-Haq)',
 'runs': '1',
 'balls': '1',
 'fours': '0',
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 'teamInnings': 'Australia',
 'battingPos': 10,
 'batsmanName': 'Adam Zampa',
 'dismissal': '',
 'runs': '1',
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 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Afghanistan',
 'battingPos': 1,
 'batsmanName': 'Rahmanullah Gurbaz&wO',
 'dismissal': 'c Warner b FazalHaq Farooqi',
 'runs': '17',
 'balls': '17',
 'fours': '2',
 'sixs': '0',
 'SR': '176.47',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Afghanistan',
 'battingPos': 2,
 'batsmanName': 'Usman Ghani',
 'dismissal': 'c Cummins b Hazlewood',
 'runs': '2',
 'balls': '2',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Afghanistan',
 'battingPos': 3,
 'batsmanName': 'Ibrahim Zadran',
 'dismissal': 'c Marsh b Zampa',
 'runs': '26',
 'balls': '21',
 'fours': '2',
 'sixs': '0',
 'SR': '78.78',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Afghanistan',
 'battingPos': 4,
 'batsmanName': 'Gulbadin Naib',
 'dismissal': 'run out (Maxwell)',
 'runs': '23',
 'balls': '19',
 'fours': '2',
 'sixs': '0',
 'SR': '169.56',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Afghanistan',
 'battingPos': 5,
 'batsmanName': 'Mohammad Nabi(c)',
 'dismissal': 'c Warner b Hazlewood',
 'runs': '1',
 'balls': '2',
 'fours': '0',
 'sixs': '0',
 'SR': '50.00',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Afghanistan',
 'battingPos': 6,
 'batsmanName': 'Najibullah Zadran',
 'dismissal': 'c Maxwell b Zampa',
 'runs': '2',
 'balls': '10',
 'fours': '0',
 'sixs': '0',
 'SR': '0.00',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Afghanistan',
 'battingPos': 7,
 'batsmanName': 'Darwish Rasooli',
 'dismissal': 'run out (&wO Wade/Stoinis)',
 'runs': '15',
 'balls': '13',
 'fours': '0',
 'sixs': '0',
 'SR': '115.38',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Afghanistan',
 'battingPos': 8,
 'batsmanName': 'Rashid Khan',
 'dismissal': '',
 'runs': '48',
 'balls': '23',
 'fours': '3',
 'sixs': '4',
 'SR': '208.69',
 'match': 'Australia Vs Afghanistan',
 'teamInnings': 'Afghanistan',
 'battingPos': 9,
 'batsmanName': 'Naveen-ul-Haq',
 'dismissal': '',
 'runs': '0',
 'balls': '0',
 'fours': '0',
 'sixs': '0',
 'SR': '-'],
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 1,
 'batsmanName': 'Fathum Nissanka',
 'dismissal': 'c Sub (CJ Jordan) b Rashid',
 'runs': '67',
 'balls': '45',
 'fours': '5',
 'sixs': '3',
 'SR': '148.88',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 2,
 'batsmanName': 'Kusal Mendis&wO',
 'dismissal': 'c Livingstone b Woakes',
 'runs': '18',
 'balls': '14',
 'fours': '1',
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 'SR': '128.57',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 3,
 'batsmanName': 'Dhananjaya de Silva',
 'dismissal': 'c Stokes b Curran',
 'runs': '19',
 'balls': '11',
 'fours': '0',
 'sixs': '0',
 'SR': '81.81',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 4,
 'batsmanName': 'Charith Asalanka',
 'dismissal': 'c Marsh b Woakes',
 'runs': '9',
 'balls': '9',
 'fours': '0',
 'sixs': '0',
 'SR': '88.88',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 5,
 'batsmanName': 'Shanuka Rajapaksa',
 'dismissal': 'c Curran b Wood',
 'runs': '22',
 'balls': '22',
 'fours': '3',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 6,
 'batsmanName': 'Dasun Shanaka(c)',
 'dismissal': 'c &wO Buttler b Wood',
 'runs': '13',
 'balls': '8',
 'fours': '0',
 'sixs': '0',
 'SR': '37.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 7,
 'batsmanName': 'Manindu Lasaranga de Silva',
 'dismissal': 'run out (&wO Buttler/Wood)',
 'runs': '9',
 'balls': '9',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 8,
 'batsmanName': 'Chamika Karunaratne',
 'dismissal': 'c Hales b Wood',
 'runs': '0',
 'balls': '0',
 'fours': '0',
 'sixs': '0',
 'SR': '0.00',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 9,
 'batsmanName': 'Alex Hales',
 'dismissal': 'c & b PMW de Silva',
 'runs': '47',
 'balls': '30',
 'fours': '7',
 'sixs': '1',
 'SR': '156.66',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'England',
 'battingPos': 1,
 'batsmanName': 'Ben Stokes',
 'dismissal': '',
 'runs': '2',
 'balls': '2',
 'fours': '0',
 'sixs': '0',
 'SR': '116.66',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'England',
 'battingPos': 2,
 'batsmanName': 'Harry Brook',
 'dismissal': 'c G b DM de Silva',
 'runs': '5',
 'balls': '5',
 'fours': '0',
 'sixs': '0',
 'SR': '80.00',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'England',
 'battingPos': 3,
 'batsmanName': 'Liam Livingstone',
 'dismissal': 'c DM de Silva b Kumara',
 'runs': '4',
 'balls': '4',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'England',
 'battingPos': 4,
 'batsmanName': 'Moeen Ali',
 'dismissal': 'c Shanaka b DM de Silva',
 'runs': '12',
 'balls': '12',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'England',
 'battingPos': 5,
 'batsmanName': 'Keshav Maharaj',
 'dismissal': 'c O'bowd b de Leede',
 'runs': '13',
 'balls': '13',
 'fours': '1',
 'sixs': '0',
 'SR': '108.33',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 6,
 'batsmanName': 'Chris Woakes',
 'dismissal': 'c Keshav Maharaj',
 'runs': '5',
 'balls': '5',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 7,
 'batsmanName': 'Anrich Nortje',
 'dismissal': '',
 'runs': '1',
 'balls': '1',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 8,
 'batsmanName': 'David Miller',
 'dismissal': 'c van der Merwe b Glover',
 'runs': '17',
 'balls': '17',
 'fours': '0',
 'sixs': '0',
 'SR': '100.00',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 9,
 'batsmanName': 'Rohit Sharma',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 10,
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 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
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 'battingPos': 11,
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 'runs': '10',
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 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 13,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
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 'teamInnings': 'Sri Lanka',
 'battingPos': 14,
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 'runs': '10',
 'balls': '10',
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 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 15,
 'batsmanName': 'Shan Masood',
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 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 16,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 17,
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 'runs': '10',
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 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 18,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
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 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 19,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 20,
 'batsmanName': 'Shan Masood',
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 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 21,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 22,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 23,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 24,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 25,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 26,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 27,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '112.50',
 'match': 'Sri Lanka Vs England',
 'teamInnings': 'Sri Lanka',
 'battingPos': 28,
 'batsmanName': 'Shan Masood',
 'dismissal': 'c Shan Masood b Shaheen Shah Afridi',
 'runs': '10',
 'balls': '10',
 'fours': '1',
 'sixs': '0',
 'SR': '11

[illegible]

```

[{"match": "Pakistan Vs England",
  "teamName": "Pakistan",
  "battingPos": 3,
  "batmanName": "Mohammad Harris",
  "dismissal": "c Stokes b Rashid",
  "runs": "49",
  "balls": "12",
  "4s": "1",
  "6s": "0",
  "SR": "66.66"},
{"match": "Pakistan Vs England",
  "teamName": "Pakistan",
  "battingPos": 4,
  "batmanName": "Shan Masood",
  "dismissal": "c Livingstone b Curran",
  "runs": "38",
  "balls": "28",
  "4s": "2",
  "6s": "1",
  "SR": "135.71"},
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  "battingPos": 5,
  "batmanName": "Iftikhar Ahmed",
  "dismissal": "c aEvaxButler b Stokes",
  "runs": "0",
  "balls": "6",
  "4s": "0",
  "6s": "0",
  "SR": "0.00"},
{"match": "Pakistan Vs England",
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  "battingPos": 6,
  "batmanName": "Shadab Khan",
  "dismissal": "c Woakes b Jordan",
  "runs": "20",
  "balls": "14",
  "4s": "2",
  "6s": "0",
  "SR": "142.85"},
{"match": "Pakistan Vs England",
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  "battingPos": 7,
  "batmanName": "Mohammad Nawaz",
  "dismissal": "c Livingstone b Curran",
  "runs": "5",
  "balls": "7",
  "4s": "0",
  "6s": "0",
  "SR": "71.42"},
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  "battingPos": 8,
  "batmanName": "Mohammad Wasim",
  "dismissal": "c Livingstone b Jordan",
  "runs": "4",
  "balls": "8",
  "4s": "0",
  "6s": "0",
  "SR": "50.00"},
{"match": "Pakistan Vs England",
  "teamName": "Pakistan",
  "battingPos": 9,
  "batmanName": "Shaheen Shah Afridi",
  "dismissal": "",
  "runs": "9",
  "balls": "9",
  "4s": "1",
  "6s": "0",
  "SR": "166.66"},
{"match": "Pakistan Vs England",
  "teamName": "England",
  "battingPos": 1,
  "batmanName": "Jos Buttler(c)aEvaX",
  "dismissal": "c aEvaXMohammad Rizwan b Harris Rauf",
  "runs": "28",
  "balls": "17",
  "4s": "3",
  "6s": "1",
  "SR": "152.94"},
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  "teamName": "England",
  "battingPos": 2,
  "batmanName": "Alex Hales",
  "dismissal": "b Shaheen Shah Afridi",
  "runs": "1",
  "balls": "2",
  "4s": "0",
  "6s": "0",
  "SR": "50.00"},
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  "battingPos": 3,
  "batmanName": "Phil Salt",
  "dismissal": "c Iftikhar Ahmed b Harris Rauf",
  "runs": "10",
  "balls": "9",
  "4s": "2",
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  "SR": "111.11"},
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  "battingPos": 4,
  "batmanName": "Ben Stokes",
  "dismissal": "",
  "runs": "52",
  "balls": "49",
  "4s": "15",
  "6s": "1",
  "SR": "106.12"},
{"match": "Pakistan Vs England",
  "teamName": "England",
  "battingPos": 5,
  "batmanName": "Harry Brook",
  "dismissal": "c Shaheen Shah Afridi b Shadab Khan",
  "runs": "1",
  "balls": "23",
  "4s": "1",
  "6s": "0",
  "SR": "86.95"},
{"match": "Pakistan Vs England",
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  "battingPos": 6,
  "batmanName": "Moeen Ali",
  "dismissal": "b Mohammad Wasim",
  "runs": "13",
  "balls": "19",
  "4s": "3",
  "6s": "0",
  "SR": "146.15"},
{"match": "Pakistan Vs England",
  "teamName": "England",
  "battingPos": 7,
  "batmanName": "Liam Livingstone",
  "dismissal": "",
  "runs": "1",
  "balls": "1",
  "4s": "0",
  "6s": "0",
  "SR": "100.00"}]]}

tail
@recode=[
  rec an data:
    allrecords.extend(rec["battingSummary"])
  and DataFrame(allrecords)
2.head()

match    teaminnings    battingPos    batsmanName
Nambdia Vs Sri Lanka    Nambdia    1    Michael van Lingen
Nambdia Vs Sri Lanka    Nambdia    2    Divan la Cock
Nambdia Vs Sri Lanka    Nambdia    3    Jan Nicol Loffie-Eaton
Nambdia Vs Sri Lanka    Nambdia    4    Stephan Baard
Nambdia Vs Sri Lanka    Nambdia    5    Gerhard Erasmus(c)

["notout/not"]=df2.dismissal.apply(lambda x:"out" if len(x)
2

match    teaminnings    battingPos    batsmanName
0    Nambdia Vs Sri Lanka    Nambdia    1    Michael van Lingen
1    Nambdia Vs Sri Lanka    Nambdia    2    Divan la Cock
2    Nambdia Vs Sri Lanka    Nambdia    3    Jan Nicol Loffie-Eaton
3    Nambdia Vs Sri Lanka    Nambdia    4    Stephan Baard
4    Nambdia Vs Sri Lanka    Nambdia    5    Gerhard Erasmus(c)
4    Pakistan Vs England    England    3    Phil Salt
5    Pakistan Vs England    England    4    Ben Stokes
6    Pakistan Vs England    England    5    Harry Brook
7    Pakistan Vs England    England    6    Moeen Ali
8    Pakistan Vs England    England    7    Liam Livingstone

rows x 11 columns

2.drop(["dismissal"],axis=1,inplace=True)

2

match    teaminnings    battingPos    batsmanName    runs
0    Nambdia Vs Sri Lanka    Nambdia    1    Michael van Lingen    3
1    Nambdia Vs Sri Lanka    Nambdia    2    Divan la Cock    9
2    Nambdia Vs Sri Lanka    Nambdia    3    Jan Nicol Loffie-Eaton    26
3    Nambdia Vs Sri Lanka    Nambdia    4    Stephan Baard    26
4    Nambdia Vs Sri Lanka    Nambdia    5    Gerhard Erasmus(c)    20

```

5	Pakistan Vs England	England	3	Phil Salt	10
5	Pakistan Vs England	England	4	Ben Stokes	52
6	Pakistan Vs England	England	5	Harry Brook	20
7	Pakistan Vs England	England	6	Moeen Ali	19
8	Pakistan Vs England	England	7	Liam Livingstone	1
rows × 10 columns					
df[['match_id']] = df2[['match']].map(match_id=dict)					
2					
	match	teamInnings	batingPos	batsmanName	runs
0	Namibia Vs Sri Lanka	Namibia	1	Michael van Lingen	3
1	Namibia Vs Sri Lanka	Namibia	2	Divan la Cock	9
2	Namibia Vs Sri Lanka	Namibia	3	Jan Nicol Loftie-Eaton	20
3	Namibia Vs Sri Lanka	Namibia	4	Stephan Baden	26
4	Namibia Vs Sri Lanka	Namibia	5	Gerhard Erasmus(c)	20
...					
4	Pakistan Vs England	England	3	Phil Salt	10
5	Pakistan Vs England	England	4	Ben Stokes	52
6	Pakistan Vs England	England	5	Harry Brook	20
7	Pakistan Vs England	England	6	Moeen Ali	19
8	Pakistan Vs England	England	7	Liam Livingstone	1
rows × 11 columns					
df[['batsmanName']] = df2[['batsmanName']].apply(lambda x: x.records[0].batsmanName)					
df[['batsmanName']] = df2[['batsmanName']].apply(lambda x: x.records[0].batsmanName)					
2.head()					
	match	teamInnings	batingPos	batsmanName	runs
	Namibia Vs Sri Lanka	Namibia	1	Michael van Lingen	3
	Namibia Vs Sri Lanka	Namibia	2	Divan la Cock	9
	Namibia Vs Sri Lanka	Namibia	3	Jan Nicol Loftie-Eaton	20
	Namibia Vs Sri Lanka	Namibia	4	Stephan Baden	26
	Namibia Vs Sri Lanka	Namibia	5	Gerhard Erasmus(c)	20
df.shape					
(99, 11)					
df.to_csv('C:\Jupyternotebook\project_folder\fact_bating_summary.csv')					
3)Process Bowling Summary					
th open('C:\Jupyternotebook\vt2_json_files\vt20_json_files\vt20_data.json', 'r') as json_load(f):					
all_records = []					
for rec in data:					
all_records.extend(rec['bowlingSummary'])					
len_records[:2]					
{'match': 'Namibia Vs Sri Lanka',					
'bowlingTeam': 'Sri Lanka',					
'bowlerName': 'Mheehesh Theekshana',					
'overs': '4',					
'maiden': '0',					
'runs': '43',					
'wickets': '1',					
'economy': '5.75',					
'0s': '7',					
'4s': '0',					
'6s': '0',					
'wides': '2',					
'noBalls': '0',					
'match': 'Namibia Vs Sri Lanka',					

```
bowling = pd.DataFrame(Lanka)
bowling['bowlerName'] = 'Dushmantha Chameera',
bowlers = {}
maiden = '0',
runs = '39',
wickets = '11',
economy = '9.75',
os = '6',
as = '3',
sa = '1',
wides = '2',
noBalls = '0'

bowling = pd.DataFrame(all_records)
int(df_bowling.shape)
bowling.head()

00, 13)

match    bowlingTeam    bowlerName    overs    maid
Nambiya Vs Sri Lanka    Sri Lanka    Maheesh Theekshana    4
Nambiya Vs Sri Lanka    Sri Lanka    Dushmantha Chameera    4
Nambiya Vs Sri Lanka    Sri Lanka    Pramod Madushan    4
Nambiya Vs Sri Lanka    Sri Lanka    Chamika Karunaratne    4
Nambiya Vs Sri Lanka    Sri Lanka    Wanindu Hasaranga de Silva    4

bowling['match_id'] = df_bowling['match'].map(match_id_dict)
bowling.head()
```



```
Out[81]: match bowlingTeam bowlerName overs maiden runs wickets economy Os 4s 6s wides noBalls match_id
0 Namibia Vs Sri Lanka Sri Lanka Maheesh Theekshana 4 0 23 1 5.75 7 0 0 2 0 T201 # 1823
1 Namibia Vs Sri Lanka Sri Lanka Dushmantha Chameera 4 0 39 1 9.75 6 3 1 2 0 T201 # 1823
2 Namibia Vs Sri Lanka Sri Lanka Pramod Madushan 4 0 37 2 9.25 6 3 1 0 0 T201 # 1823
3 Namibia Vs Sri Lanka Sri Lanka Chamika Karunaratne 4 0 36 1 9.00 7 3 1 1 0 T201 # 1823
4 Namibia Vs Sri Lanka Sri Lanka Wanindu Hasaranga de Silva 4 0 27 1 6.75 8 1 1 0 0 T201 # 1823

In [82]: df_bowling.to_csv('C:\jupyternotebook\project_folder\fact_bowling_summary.csv', index = False)
```

(4)Process Players Information

```
In [84]: with open(r'C:\jupyternotebook\t20_json_files\t20_json_files\t20_wc_players_info.json') as f:
data = json.load(f)

In [85]: df_players = pd.DataFrame(data)

print(df_players.shape)
df_players.head(10)

Out[85]: name team battingStyle bowlingStyle playingRole description
0 Michael van Lingen Namibia Left hand Bat Left arm Medium Bowling Allrounder
1 Divan la Cock Namibia Right hand Bat Legbreak Opening Batter
2 Jan Nicol Loffie-Eaton Namibia Left hand Bat Right arm Medium, Legbreak Batter
3 Stephan Baard Namibia Right hand Bat Right arm Medium fast Batter
4 Gerhard Erasmus(G) Namibia Right hand Bat Right arm Offbreak Allrounder
5 Jan Fyffynck Namibia Left hand Bat Left arm Fast medium Allrounder
6 David Wiese Namibia Right hand Bat Right arm Medium fast Allrounder David Wiese joined a marked outflow of South A...
7 JJ Smit Namibia Right hand Bat Left arm Medium fast Bowling Allrounder
8 Pathum Nissanka Sri Lanka Right hand Bat Top order Batter
9 Kusal Mendis(K) Sri Lanka Right hand Bat Legbreak Wicketkeeper Batter Blessed with a compact technique, an aggressiv...
```

```
In [86]: df_players['name'] = df_players['name'].apply(lambda x: x.replace('Æ', ''))
df_players['name'] = df_players['name'].apply(lambda x: x.replace('t', ''))
df_players['name'] = df_players['name'].apply(lambda x: x.replace('ksa', ''))
df_players.head(10)

Out[86]: name team battingStyle bowlingStyle playingRole description
0 Michael van Lingen Namibia Left hand Bat Left arm Medium Bowling Allrounder
1 Divan la Cock Namibia Right hand Bat Legbreak Opening Batter
2 Jan Nicol Loffie-Eaton Namibia Left hand Bat Right arm Medium, Legbreak Batter
3 Stephan Baard Namibia Right hand Bat Right arm Medium fast Batter
4 Gerhard Erasmus(G) Namibia Right hand Bat Right arm Offbreak Allrounder
5 Jan Fyffynck Namibia Left hand Bat Left arm Fast medium Allrounder
6 David Wiese Namibia Right hand Bat Right arm Medium fast Allrounder David Wiese joined a marked outflow of South A...
7 JJ Smit Namibia Right hand Bat Left arm Medium fast Bowling Allrounder
8 Pathum Nissanka Sri Lanka Right hand Bat Top order Batter
9 Kusal Mendis Sri Lanka Right hand Bat Legbreak Wicketkeeper Batter Blessed with a compact technique, an aggressiv...

In [87]: df_players[df_players['team'] == 'India']

Out[87]: name team battingStyle bowlingStyle playingRole description
127 KL Rahul India Right hand Bat Opening Batter A tall, elegant right-hand batsman who can kee...
128 Rohit Sharma(c) India Right hand Bat Right arm Offbreak Top order Batter Languid and easy on the eye, Rohit Sharma owne...
129 Virat Kohli India Right hand Bat Right arm Medium Top order Batter India has given to the world many a great cric...
130 Suryakumar Yadav India Right hand Bat Right arm Medium, Right arm Offbreak Batter Hard-hitting 360-degree batter Suryakumar Yada...
131 Axar Patel India Left hand Bat Slow Left arm Orthodox Bowling Allrounder Left-arm spinner Axar Patel has been increasin...
132 Hardik Pandya India Right hand Bat Right arm Medium fast Allrounder Hardik Pandya swears by living life king size ...
133 Dinesh Karthik India Right hand Bat Right arm Offbreak Wicketkeeper Batter Not many would forget the sight of Dinesh Kart...
134 Ravichandran Ashwin India Right hand Bat Right arm Offbreak Bowling Allrounder R Ashwin took the tricks and skills he learned...
135 Bhuvneshwar Kumar India Right hand Bat Right arm Medium Bowler At the time of his India debut in 2012, Bhume...
136 Arshdeep Singh India Left hand Bat Left arm Medium fast Bowler
137 Mohammed Shami India Right hand Bat Right arm Fast Bowler Mohammed Shami was India's leading fast bowler...
192 Deepak Hooda India Right hand Bat Right arm Offbreak Allrounder An allrounder who can bat in any position, Dee...
211 Rishabh Pant India Left hand Bat Wicketkeeper Batter A match-turning, swashbuckling batter-keeper l...
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In [88]: df_players.to_csv('C:\jupyternotebook\project_folder\dim_players_no_images.csv', index = False)

In [ ]:
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