```
et the data from wikipedia using the wikipedia api get_data(start_year, end_year):
results = {}
for year in range(start year, end_year + 1):
    results[year] = {"table": [], "top goals": 0}
    page = f"Fußball-Bundesliga_{year}/{(year + 1) % 100:02d}"
      "relegation" in str(l).lower():
    expr = re.compile(r"#[0-9a-f]{6}")
    relegation_color = expr.search(str(l).lower()).group(0)
                    for l in legend:
   if "abstieg" in str(l).lower():
      expr = re.compile(r"#[0-9a-f]{6}")
      dropout_color = expr.search(str(l).lower()).group(0)
      break
```

```
url = f"https://de.wikipedia.org/w/api.php?action=parse&format=json&page={page}&prop=text"
html = requests.get(url).json()["parse"]["text"]["*"]
soup = bs4.BeautifulSoup(html, "html.parser")
# find table that contains "infotable" in the class
table = soup.find("table", {"class": "infobox"})
# get the rows of the table
rows = table.find_all("tr")
total_goals = 0
total_matches = 0
# get row that contains "Tore"
for row in rows:
    cells = row.find_all("td")
    if "Tore" in cells[0].text:
        total_goals = cells[1].text
        total_goals = total_goals.replace(".", "")
        total_goals = int(total_goals.strip())

if "Soiele" in cells[0].text.
        pertentile(data, x: float):
# get the x-th percentile of the data
data = sorted(data)
left = math.ceil(len(data) * x) # there have to be (at least) this amount of elements to the left of the percentile, including the percentile itself, which means, that left-1 is a valid
index for the percentile
def median(data)
       data = sorted(data)
if len(data) % 2 == 0:
    return (data[len(data) // 2] + data[len(data) // 2 - 1]) / 2
def average(data):
    return sum(data) / len(data)
def boxPlot(data):
        minimum = min(data)
maximum = max(data)
q14 = percentile(data, 0.25)
q34 = percentile(data, 0.75)
       points_of_winners = []
points_of_winners = []
points_of_dropouts = []
avg_goal_per_match = []
avg_goal_per_season = []
goals_of_top_scorer = []
for year in data:
    points_of_winners.append(data[year]["table"][0]["points"])
                highest_points_of_dropouts = 0
for team in data[year]["table"]:
    if team("abstieg") or team("relegation"]:
        highest_points_of_dropouts = max(highest_points_of_dropouts, team("points"])
                goals_of_top_scorer.append(data[year]["top goals"])
       # swap the columns and rows
df = df.transpose()
# print the table
print("\n1995-2021")
print(df.to_string())
```

1964-1994						
points of winners points of dropouts	minimum 41.0 19.0	maximum 55.0 31.0	q14 48.0 24.0	q34 51.0 28.0	median 49.0 26.0	average 48.935484 25.548387
1995-2021						
	minimum	maximum	q14	q34	median	average
points of winners	63.0	91.0	70.0	81.0	76.0	76.370370
points of dropouts	27.0	38.0	31.0	36.0	33.0	33.222222

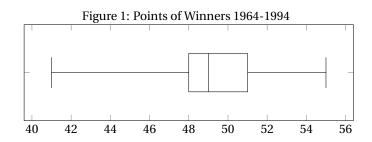


Figure 2: Points of Winners 1995-2021

65 70 75 80 85 90

