

```

import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

# Example dataset
data = {
    "Player": ["Player 1", "Player 2", "Player 3", "Player 4"],
    "Distance Covered (km)": [10.2, 8.5, 12.3, 9.8],
    "Average Speed (km/h)": [15.4, 13.2, 16.8, 14.5],
}

# Create a DataFrame
df = pd.DataFrame(data)

# Display dataset
print(df)

# Visualization: Bar plot of distance covered
plt.figure(figsize=(8, 5))
sns.barplot(x="Player", y="Distance Covered (km)", data=df,
palette="viridis")
plt.title("Distance Covered by Players")
plt.xlabel("Player")
plt.ylabel("Distance Covered (km)")
plt.show()

# Visualization: Scatter plot of speed vs. distance
plt.figure(figsize=(8, 5))
sns.scatterplot(x="Distance Covered (km)", y="Average Speed (km/h)",
hue="Player", data=df, s=100)
plt.title("Speed vs. Distance Covered")
plt.xlabel("Distance Covered (km)")
plt.ylabel("Average Speed (km/h)")
plt.show()

```

	Player	Distance Covered (km)	Average Speed (km/h)
0	Player 1	10.2	15.4
1	Player 2	8.5	13.2
2	Player 3	12.3	16.8
3	Player 4	9.8	14.5

C:\Users\Naresh S\AppData\Local\Temp\ipykernel_16064\2213745018.py:20:
FutureWarning:

Passing `palette` without assigning `hue` is deprecated and will be removed in v0.14.0. Assign the `x` variable to `hue` and set `legend=False` for the same effect.

```

sns.barplot(x="Player", y="Distance Covered (km)", data=df,
palette="viridis")

```



