

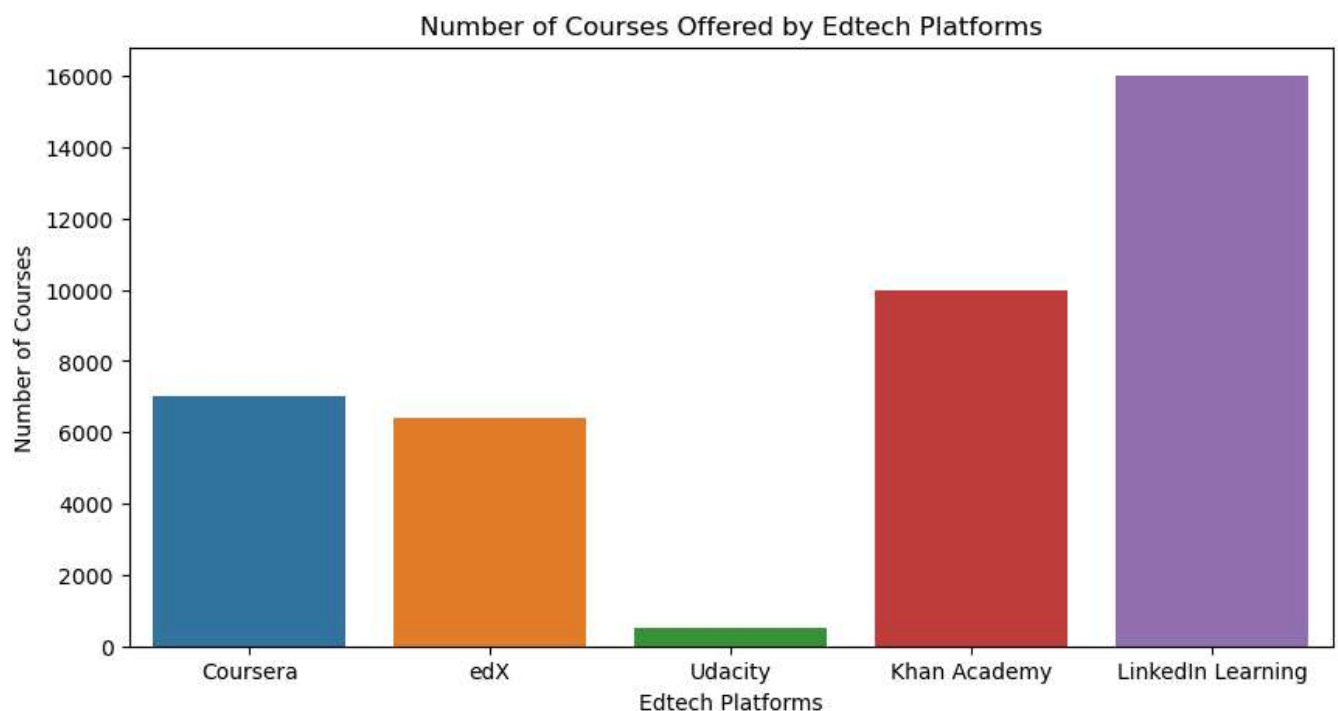
Plazed Market Research: Mapping of at least 5 key features from Edtech platforms and documentation of Unique features and gaps in offerings from these Edtech platforms with data analysis

Date : 22/07/2024; Exercise : Data Visualization; Type of language: python; Report and Codes written by : Anumoy Modak, Market Research Analyst (MR).

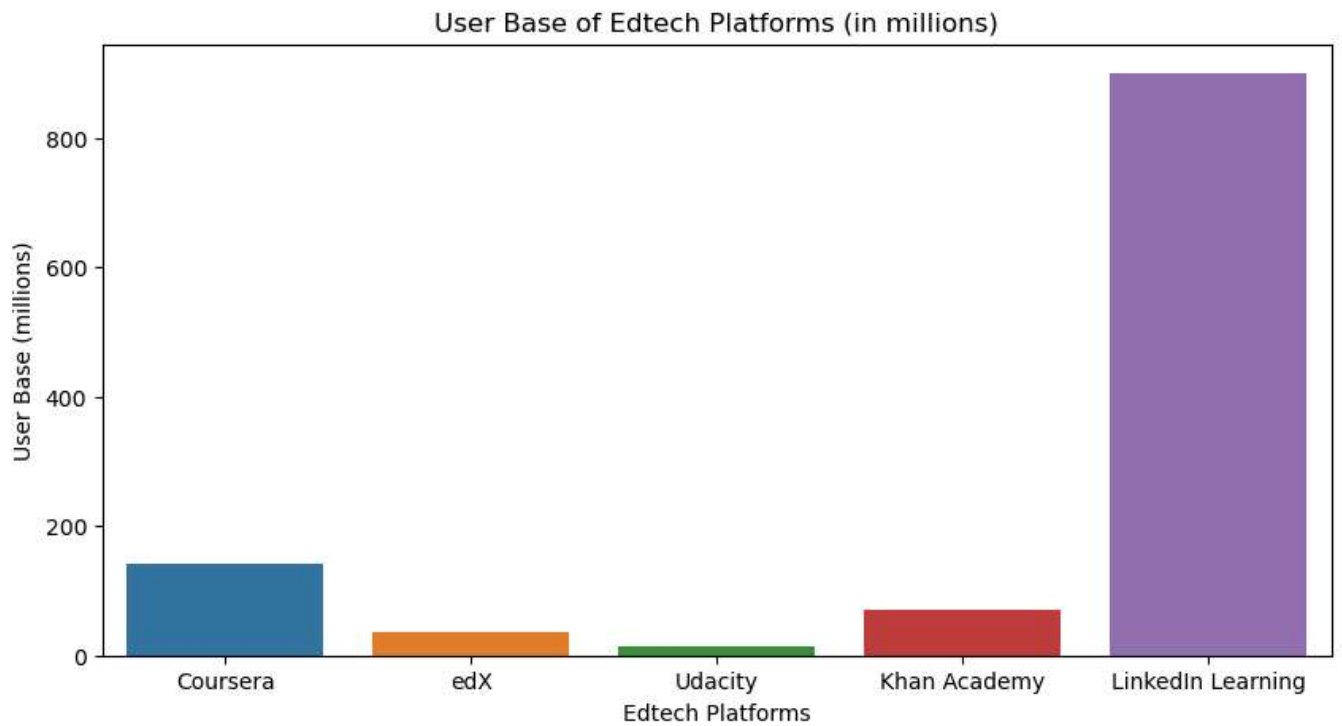
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In [ ]: import matplotlib.pyplot as plt
import seaborn as sns

# Data
platforms = ["Coursera", "edX", "Udacity", "Khan Academy", "LinkedIn Learning"]
courses_offered = [7000, 6400, 500, 10000, 16000]
user_base = [142, 35, 14, 70, 900]
completion_rate = [55.4, 90, 35, 96, 15]
user_satisfaction = [4.7, 4.9, 4.5, 4.7, 5]
```

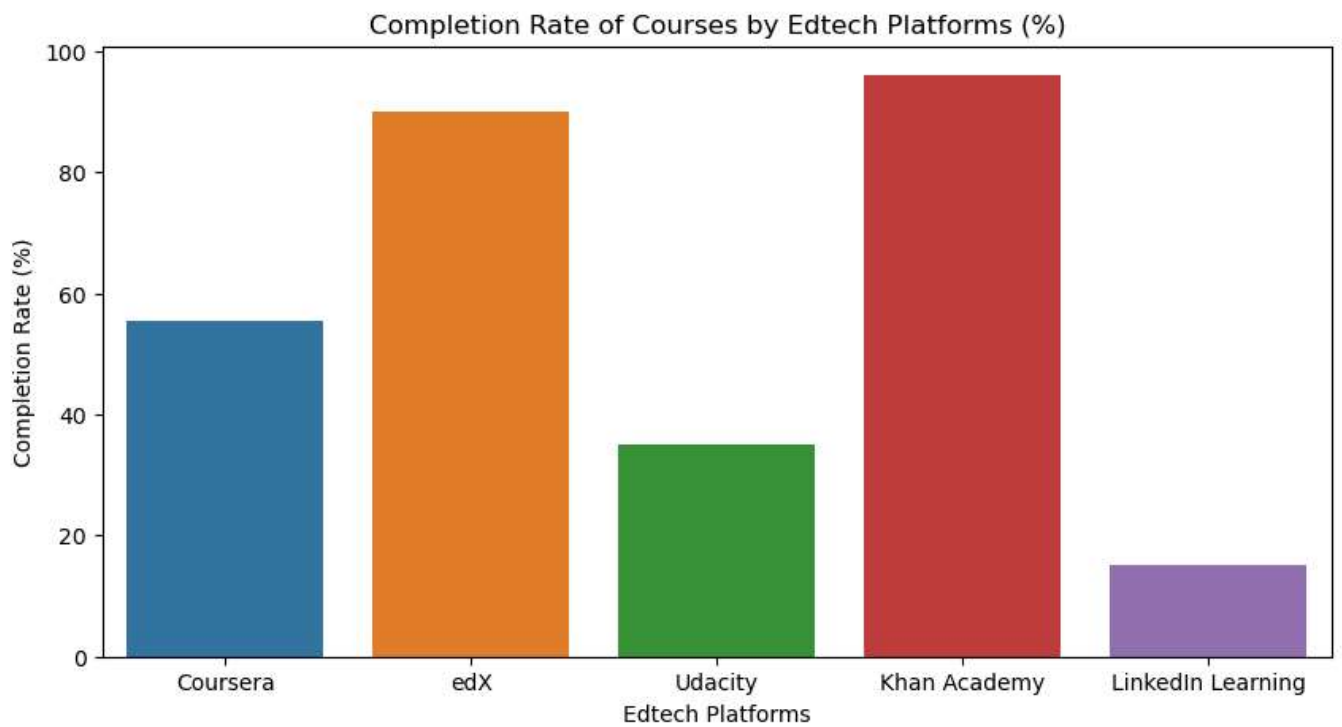
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In [ ]: # Plotting Courses Offered
plt.figure(figsize=(10, 5))
sns.barplot(x=platforms, y=courses_offered)
plt.title("Number of Courses Offered by Edtech Platforms")
plt.xlabel("Edtech Platforms")
plt.ylabel("Number of Courses")
plt.show()
```



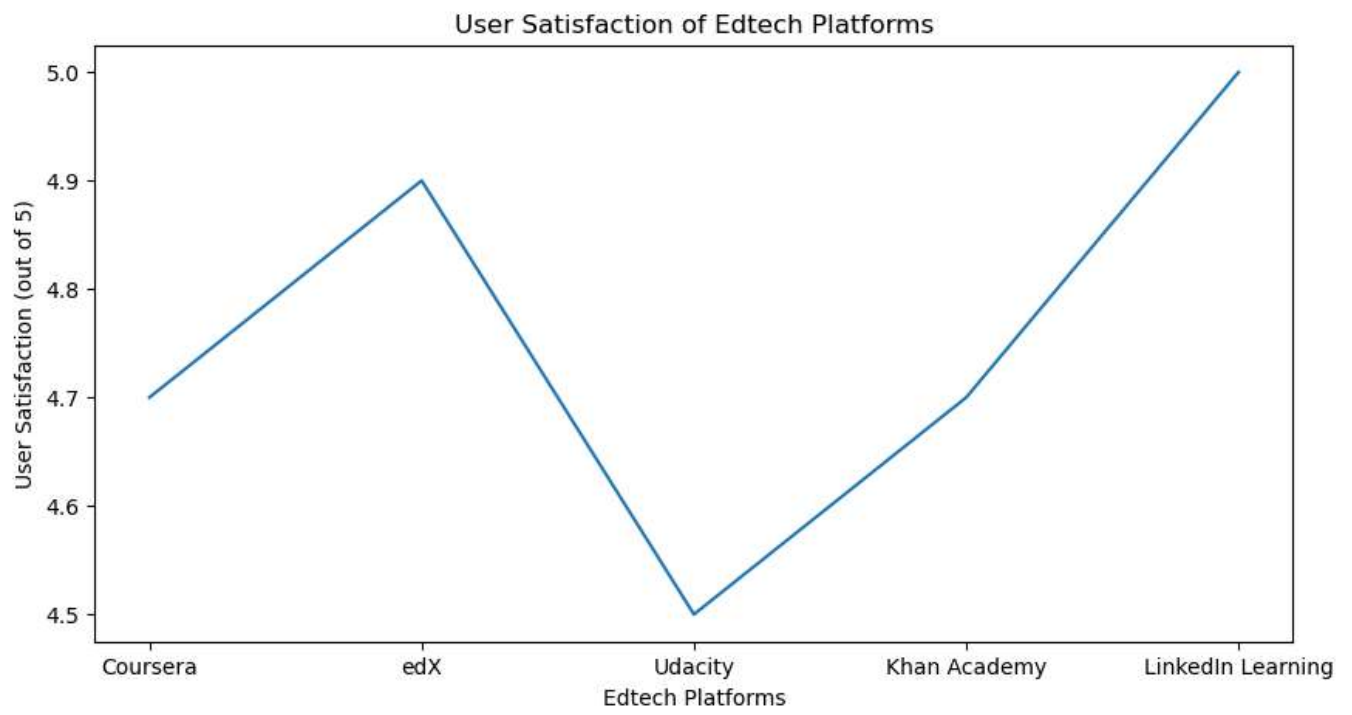
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In [ ]: # Plotting User Base
plt.figure(figsize=(10, 5))
sns.barplot(x=platforms, y=user_base)
plt.title("User Base of Edtech Platforms (in millions)")
plt.xlabel("Edtech Platforms")
plt.ylabel("User Base (millions)")
plt.show()
```



```
In [ ]: # Plotting Completion Rate
plt.figure(figsize=(10, 5))
sns.barplot(x=platforms, y=completion_rate)
plt.title("Completion Rate of Courses by Edtech Platforms (%)")
plt.xlabel("Edtech Platforms")
plt.ylabel("Completion Rate (%)")
plt.show()
```



```
In [ ]: # Plotting User Satisfaction
plt.figure(figsize=(10, 5))
sns.lineplot(x=platforms, y=user_satisfaction)
plt.title("User Satisfaction of Edtech Platforms")
plt.xlabel("Edtech Platforms")
plt.ylabel("User Satisfaction (out of 5)")
plt.show()
```



In []: