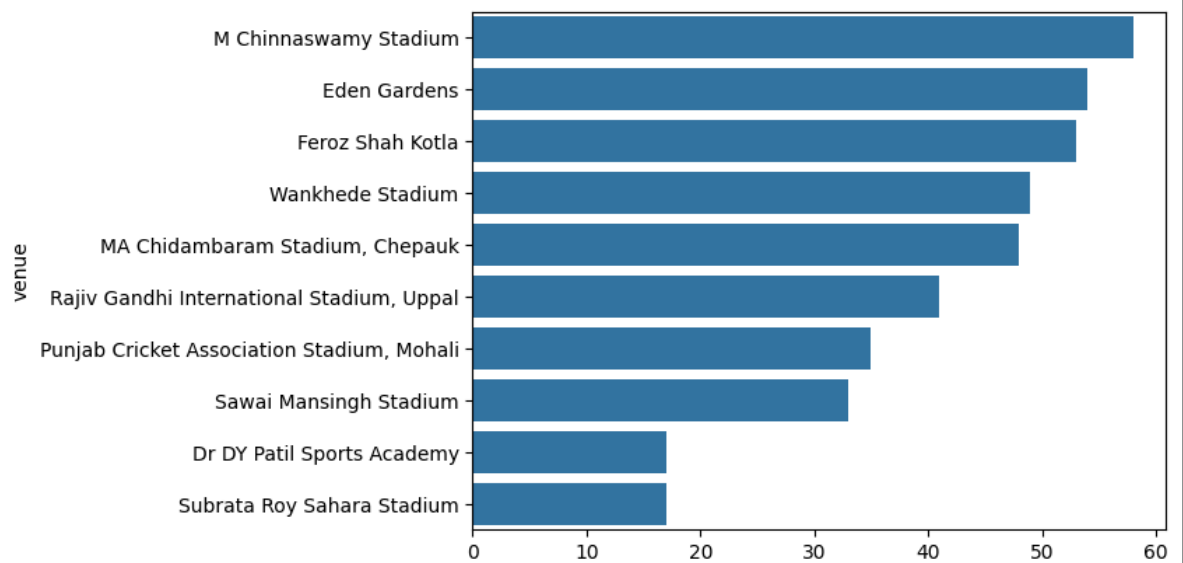```
sns.barplot(y=venue_counts.head(10).index, x=venue_counts.head(10).values)
```

```
<Axes: ylabel='venue'>
```


7. Umpire Name Cleaning

Clean umpire columns (umpire1, umpire2, umpire3) by:

1)Replacing missing values with "Not Assigned"

2)Removing duplicate umpire names per match

3)Finding the most frequently officiating umpire

```
print(df['umpire1'].isnull().sum())
print(df['umpire2'].isnull().sum())
print(df['umpire3'].isnull().sum())
```

```
0
0
0
```

```
df['umpire3'].fillna('Not Assigned')
```