Dataset info

Import of Library,

Read Data

df = pd.read\_csv (“ ”)

analyseren:

types of the features

df.shape, df.info(), df.describe().T, f.select\_dtypes(include = "object"),

df.select\_dtypes(include = "object").describe(), df.select\_dtypes(include = "integer").describe()

missing values

df.isna().sum(), df.isna().sum()[df.isna().sum() > 0]

her bir colums daki values lari ve countlari getirir

for col in df.select\_dtypes(include = "object"):

print(col)

print("\*\*\*")

print(df[col].value\_counts())

print("\*\*\*\*\*\*\*\*\*\*\*")

NaN values doldur

Data cleanien

df["date\_added"] = pd.to\_datetime(df["date\_added"])

*# date\_added sütununu parçalıyoruz ay ve yıl olarak*

df['month\_added']=df['date\_added'].dt.month

df['month\_name\_added']=df['date\_added'].dt.month\_name()

df['year\_added'] = df['date\_added'].dt.year

corelasyon between columns

sns.heatmap(df.isnull(),

yticklabels=False,

cbar=False,

cmap='magma');

plt.title("Eksik Veri Gözlemi", fontsize = 15)

plt.show()

import missingno as msnomsno.matrix(df)  
 msno.bar(df)  
 msno.heatmap(df)  
 msno.dendrogram(df)

grafieklerle

plt.figure(figsize=(12,6))

plt.subplot(121)

sns.countplot(data=df, x= "type")

plt.title("Icerik Turleri")

plt.subplot(122)

df.type.value\_counts().plot(kind = "pie", autopct= "**%1.2f%%**")

plt.show()

heatmap\_film = movie\_counts.pivot\_table(values = "count", index = "year\_added", columns = "month\_added", fill\_value = 0)

plt.figure(figsize = (16,10))

sns.heatmap(heatmap\_film, annot = True, fmt = "d", cmap = "coolwarm")

plt.title("Yıllara ve Aylara Göre Film Dağılımı", fontsize = 20)

plt.show()

release\_counts = df.groupby(["release\_year", "type"]).size().reset\_index(name="count")

sns.lineplot(data=release\_counts, x="release\_year",

y="count", hue="type")

plt.title("Her Yıl Çıkan Dizi & Film Sayısı", fontsize = 16)

plt.show()

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sns.lineplot(data=release\_counts, x="release\_year",

y="count", hue="type")

plt.title("Her Yıl Çıkan Dizi & Film Sayısı", fontsize = 16)

plt.show()