```
import pandas as pd
# Create a sample dataset with more detailed data (Game Name, Sales, Year, Genre, Platform)
data = {
'Game Name': ['Halo', 'Half-Life', 'The Witcher 3', 'Call of Duty', 'FIFA 21', 'Minecraft',
'Zelda', 'GTA V', 'Cyberpunk 2077', 'Red Dead Redemption 2'],
'Sales': [50.0, 45.0, 30.0, 60.0, 10.0, 200.0, 15.0, 110.0, 20.0, 30.0],
'Year': [2001, 1998, 2015, 2003, 2021, 2011, 1998, 2013, 2020, 2018],
'Genre': ['Shooter', 'Shooter', 'RPG', 'Shooter', 'Sports', 'Sandbox', 'Adventure', 'Action', 'RPG',
'Action'],
'Platform': ['Xbox', 'PC', 'PC', 'PC', 'PS5', 'PC', 'N64', 'PS4', 'PC', 'PS4']
}
df = pd.DataFrame(data)
avg_sales_by_year = df.groupby('Year')['Sales'].mean()
avg_sales_by_genre = df.groupby('Genre')['Sales'].mean()
avg_sales_by_platform = df.groupby('Platform')['Sales'].mean()
def predict_sales(year=None, genre=None, platform=None):
    predictions = []
    if year:
        avg_year_sales = avg_sales_by_year.get(year, None)
        if avg_year_sales:
            predictions.append(avg_year_sales)
    if genre:
        avg_genre_sales = avg_sales_by_genre.get(genre, None)
        if avg_genre_sales:
            predictions.append(avg_genre_sales)
    if platform:
        avg_platform_sales = avg_sales_by_platform.get(platform, None)
        if avg_platform_sales:
            predictions.append(avg_platform_sales)
    if not predictions:
        return "Prediction not possible. Data not available for the given inputs."
    return sum(predictions) / len(predictions)
predicted_sales_2021_sports_ps5 = predict_sales(year=2021, genre='Sports', platform='PS5')
print(f'Predicted Sales for 2021, Sports Genre, PS5 Platform: {predicted_sales_2021_sports_ps5} million')
predicted_sales_1998_adventure_n64 = predict_sales(year=1998, genre='Adventure', platform='N64')
print(f'Predicted Sales for 1998, Adventure Genre, N64 Platform: {predicted_sales_1998_adventure_n64} million')
predicted_sales_2015_rpg_pc = predict_sales(year=2015, genre='RPG', platform='PC')
print(f'Predicted Sales for 2015, RPG Genre, PC Platform: {predicted_sales_2015_rpg_pc} million')
predicted_sales_2001_shooter_xbox = predict_sales(year=2001, genre='Shooter', platform='Xbox')
print(f'Predicted Sales for 2001, Shooter Genre, Xbox Platform: {predicted_sales_2001_shooter_xbox} million')
predicted_sales_2013_action_ps4 = predict_sales(year=2013, genre='Action', platform='PS4')
print(f'Predicted Sales for 2013, Action Genre, PS4 Platform: {predicted_sales_2013_action_ps4} million')
predicted_sales_2020_rpg_pc = predict_sales(year=2020, genre='RPG', platform='PC')
print(f'Predicted Sales for 2020, RPG Genre, PC Platform: {predicted_sales_2020_rpg_pc} million')
predicted_sales_2011_sandbox_pc = predict_sales(year=2011, genre='Sandbox', platform='PC')
print(f'Predicted Sales for 2011, Sandbox Genre, PC Platform: {predicted_sales_2011_sandbox_pc} million')
predicted_sales_2018_action_ps4 = predict_sales(year=2018, genre='Action', platform='PS4')
print(f'Predicted Sales for 2018, Action Genre, PS4 Platform: {predicted_sales_2018_action_ps4} million')
```