```
data = [
    [1200, 3, 300000],
    [1500, 4, 400000],
    [800, 2, 200000],
    [2000, 5, 500000],
    [1000, 3, 250000]
]
X = [row[0] for row in data]
y = [row[2] for row in data]
n = len(X)
x_mean = sum(X)/n
y_mean = sum(y)/n
num = sum((X[i]-x_mean)*(y[i]-y_mean) for i in range(n))
den = sum((X[i]-x_mean)**2 for i in range(n))

m = num/den
c = y_mean - m*x_mean
y_pred = [m*X[i]+c for i in range(n)]

print("Slope:", m, "Intercept:", c)
print("Predicted Prices:", y_pred)
```

OUTPUT: