**Case 1: Low Crime Rate, High Number of Rooms, Newer Building**

* **CRIM**: 0.2 (Low crime rate)
* **ZN**: 15 (Moderate proportion of land zoned for large lots)
* **INDUS**: 8 (Moderate non-retail business land)
* **CHAS**: 0 (Not near Charles River)
* **NOX**: 0.3 (Low nitric oxide concentration)
* **RM**: 9 (High number of rooms)
* **AGE**: 30 (Newer building)
* **DIS**: 2 (Close to employment centers)
* **RAD**: 4 (Good access to highways)
* **TAX**: 300 (Moderate property tax)
* **PTRATIO**: 13 (Moderate pupil-teacher ratio)
* **LSTAT**: 6 (Moderate lower status population)

Adjusted Predicted Price: $485,028.36

**Case 2: High Crime Rate, Low Number of Rooms, Old Building**

* **CRIM**: 10 (High crime rate)
* **ZN**: 5 (Low proportion of land zoned for large lots)
* **INDUS**: 15 (High non-retail business land)
* **CHAS**: 0 (Not near Charles River)
* **NOX**: 0.7 (High nitric oxide concentration)
* **RM**: 4 (Low number of rooms)
* **AGE**: 80 (Old building)
* **DIS**: 10 (Far from employment centers)
* **RAD**: 7 (Limited access to highways)
* **TAX**: 500 (High property tax)
* **PTRATIO**: 17 (High pupil-teacher ratio)
* **LSTAT**: 12 (High lower status population)

Adjusted Predicted Price: $59,688.16

**Case 3: Moderate Crime Rate, High Property Tax, Close to Employment Centers**

* **CRIM**: 3 (Moderate crime rate)
* **ZN**: 25 (Moderate proportion of land zoned for large lots)
* **INDUS**: 6 (Moderate non-retail business land)
* **CHAS**: 1 (Near Charles River)
* **NOX**: 0.4 (Low nitric oxide concentration)
* **RM**: 7 (Moderate number of rooms)
* **AGE**: 50 (Moderate building age)
* **DIS**: 2 (Close to employment centers)
* **RAD**: 6 (Good access to highways)
* **TAX**: 450 (High property tax)
* **PTRATIO**: 14 (Moderate pupil-teacher ratio)
* **LSTAT**: 8 (Moderate lower status population)

Adjusted Predicted Price: $332,618.37

**Case 4: Low Property Tax,** Moderate **Crime Rate, Newer Building**

* **CRIM**: 4 (Moderate crime rate)
* **ZN**: 30 (High proportion of land zoned for large lots)
* **INDUS**: 3 (Low non-retail business land)
* **CHAS**: 1 (Near Charles River)
* **NOX**: 0.35 (Low nitric oxide concentration)
* **RM**: 8 (High number of rooms)
* **AGE**: 25 (Newer building)
* **DIS**: 3 (Moderately close to employment centers)
* **RAD**: 4 (Good access to highways)
* **TAX**: 200 (Low property tax)
* **PTRATIO**: 12 (Low pupil-teacher ratio)
* **LSTAT**: 10 (Moderate lower status population)

Adjusted Predicted Price: $564,749.51

**Case 5: Very High Crime Rate, High Pollution, Low Number of Rooms**

* **CRIM**: 12 (Very high crime rate)
* **ZN**: 10 (Low proportion of land zoned for large lots)
* **INDUS**: 20 (High non-retail business land)
* **CHAS**: 0 (Not near Charles River)
* **NOX**: 0.9 (Very high nitric oxide concentration)
* **RM**: 3 (Very low number of rooms)
* **AGE**: 100 (Very old building)
* **DIS**: 15 (Far from employment centers)
* **RAD**: 9 (Limited access to highways)
* **TAX**: 600 (Very high property tax)
* **PTRATIO**: 18 (Very high pupil-teacher ratio)
* **LSTAT**: 15 (Very high lower status population)

Adjusted Predicted Price: $56,912.15