print(vars(lr\_grid\_cv))

from 04\_processing\_and\_training ipynb file

{'scoring': None, 'estimator': Pipeline(steps=[('simpleimputer', SimpleImputer(strategy='median')),

('standardscaler', StandardScaler()),

('selectkbest',

SelectKBest(score\_func=<function f\_regression at 0x145169e40>)),

('linearregression', LinearRegression())]), 'n\_jobs': -1, 'refit': True, 'cv': 5, 'verbose': 0, 'pre\_dispatch': '2\*n\_jobs', 'error\_score': nan, 'return\_train\_score': False, 'param\_grid': {'selectkbest\_\_k': [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32]}, 'multimetric\_': False, 'best\_index\_': 7, 'best\_score\_': 0.6815474122227031, 'best\_params\_': {'selectkbest\_\_k': 8}, 'best\_estimator\_': Pipeline(steps=[('simpleimputer', SimpleImputer(strategy='median')),

('standardscaler', StandardScaler()),

('selectkbest',

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score\_func=<function f\_regression at 0x145169e40>)),

('linearregression', LinearRegression())]), 'refit\_time\_': 0.02700495719909668, 'feature\_names\_in\_': array(['summit\_elev', 'vertical\_drop', 'base\_elev', 'trams', 'fastSixes',

'fastQuads', 'quad', 'triple', 'double', 'surface', 'total\_chairs',

'Runs', 'TerrainParks', 'LongestRun\_mi', 'SkiableTerrain\_ac',

'Snow Making\_ac', 'daysOpenLastYear', 'yearsOpen',

'averageSnowfall', 'projectedDaysOpen', 'NightSkiing\_ac',

'resorts\_per\_state', 'resorts\_per\_100kcapita',

'resorts\_per\_100ksq\_mile', 'resort\_skiable\_area\_ac\_state\_ratio',

'resort\_days\_open\_state\_ratio', 'resort\_terrain\_park\_state\_ratio',

'resort\_night\_skiing\_state\_ratio', 'total\_chairs\_runs\_ratio',

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0.07949028, 0.04165521, 0.05503039, 0.03829722, 0.01817379,

0.01447859, 0.00661182, 0.00819964, 0.00731583, 0.00634537,

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0.00587902, 0.00631332]), 'std\_fit\_time': array([8.52575953e-04, 6.38073575e-03, 5.29220041e-02, 2.91690243e-02,

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4.51142700e-03, 9.38631150e-04, 9.05260934e-04, 7.51706359e-04,

4.91708839e-03, 4.46259876e-03, 1.86782846e-02, 6.51534132e-02,

5.20707484e-02, 4.44744765e-02, 5.18912385e-02, 5.08599834e-03,

8.87301053e-03, 4.05744966e-04, 2.51879689e-03, 1.57973292e-03,

1.07497489e-03, 2.12809814e-03, 1.13902550e-03, 3.58534015e-04,

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0.00211439, 0.00216975]), 'std\_score\_time': array([8.51929458e-03, 5.58572282e-03, 4.82312448e-03, 2.19842113e-02,

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1.21688590e-03, 1.37457407e-04, 4.03199967e-04, 1.07965600e-04,

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31, 32],

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[269]:

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