Tabella con variabili dummy (ore, giorni settimana):

```
>> head (TStt)
        Time             Price    h1   h2   h3   h4   h5   h6   h7   h8   h9   h10  h11  h12  h13
    _____   _____   __   __   __   __   __   __   __   __   __   ___  ___  ___  ___

    01-Jan-2021 01:00:00  50.87    0    1    0    0    0    0    0    0    0    0    0    0    0
    01-Jan-2021 02:00:00  48.19    0    0    1    0    0    0    0    0    0    0    0    0    0
    01-Jan-2021 03:00:00  44.68    0    0    0    1    0    0    0    0    0    0    0    0    0
    01-Jan-2021 04:00:00  42.922   0    0    0    0    1    0    0    0    0    0    0    0    0
    01-Jan-2021 05:00:00  40.392   0    0    0    0    0    1    0    0    0    0    0    0    0
    01-Jan-2021 06:00:00  40.2     0    0    0    0    0    0    1    0    0    0    0    0    0
    01-Jan-2021 07:00:00  39.633   0    0    0    0    0    0    0    1    0    0    0    0    0
    01-Jan-2021 08:00:00  40.095   0    0    0    0    0    0    0    0    1    0    0    0    0
```
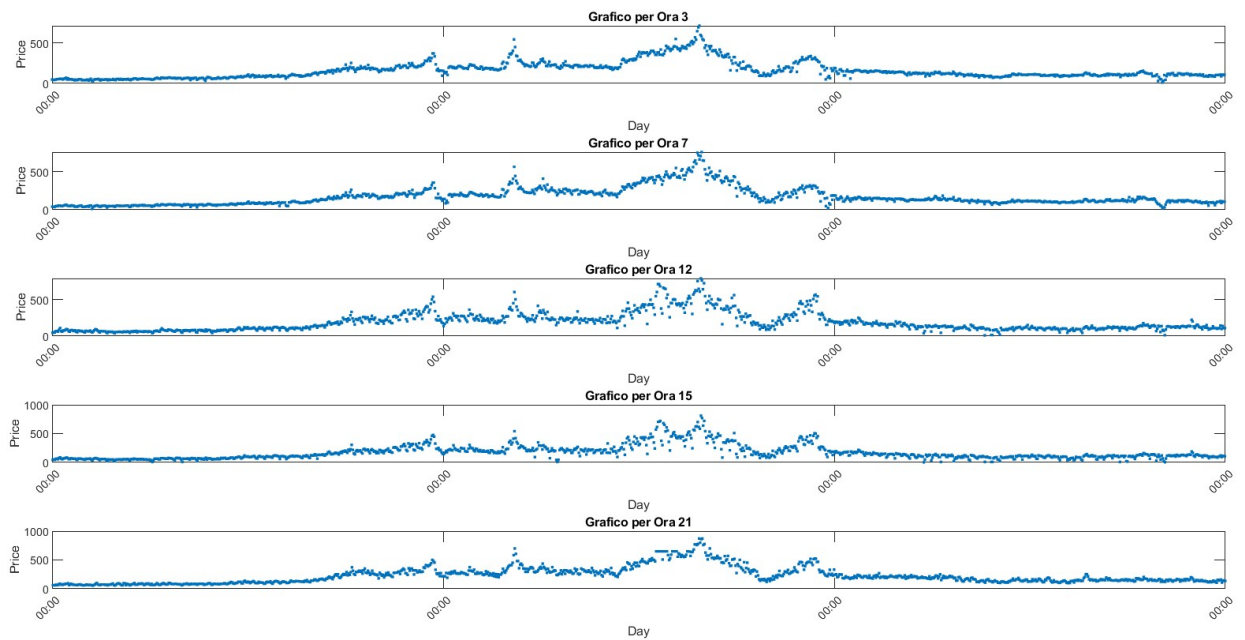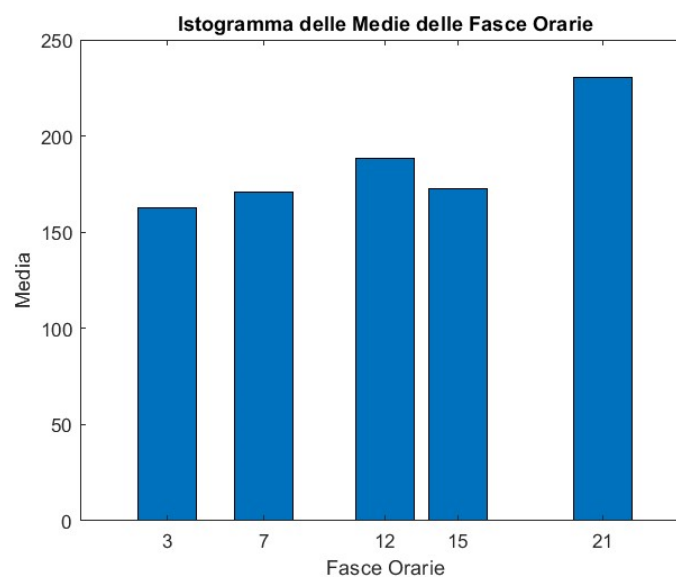
%% Regressione fasce orarie (3.00am;7.00am;12.00am;15.00am;21.00am)

R^2=0.0368

Estimated Coefficients:

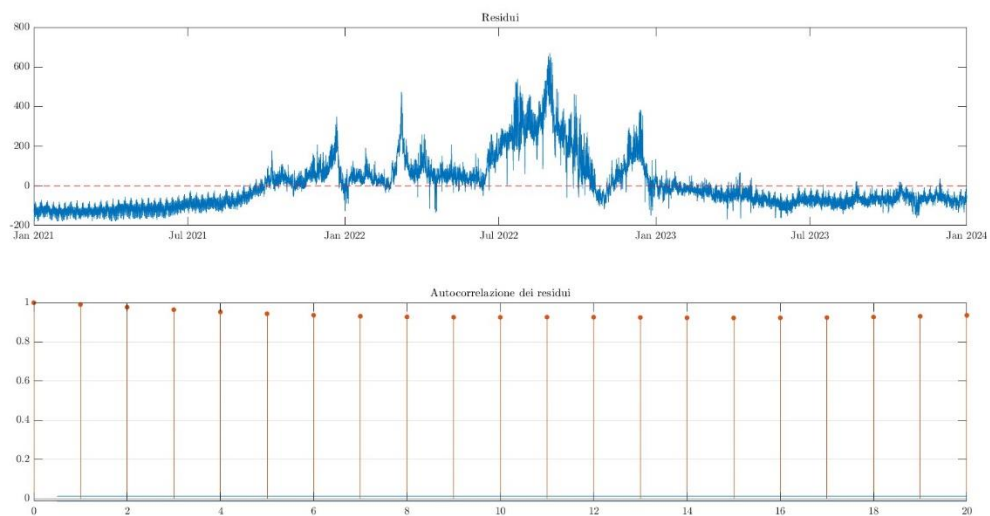|	Estimate	SE	tStat	pValue
(Intercept)	194.95	3.7807	51.563	0
x1	-20.493	5.3468	-3.8327	0.00012703
x2	-25.515	5.3468	-4.772	1.8335e-06
x3	-32.451	5.3468	-6.0693	1.302e-09
x4	-36.823	5.3468	-6.887	5.8259e-12
x5	-39.381	5.3468	-7.3655	1.8173e-13
x6	-36.73	5.3468	-6.8695	6.5846e-12
x7	-24.098	5.3468	-4.5069	6.6052e-06
x8	-3.7177	5.3468	-0.69531	0.48687
x9	10.864	5.3468	2.0318	0.042179
x10	11.348	5.3468	2.1223	0.03382
x11	1.7601	5.3468	0.32919	0.74201
x12	-6.6226	5.3468	-1.2386	0.2155
x13	-13.816	5.3468	-2.584	0.0097728
x14	-21.68	5.3468	-4.0548	5.0322e-05
x15	-22.524	5.3468	-4.2126	2.5331e-05
x16	-17.76	5.3468	-3.3216	0.00089624
x17	-9.4849	5.3468	-1.7739	0.076084
x18	1.2429	5.3468	0.23245	0.81619
x19	17.485	5.3468	3.2702	0.0010761
x20	35.046	5.3468	6.5546	5.6811e-11
x21	35.78	5.3468	6.6919	2.2468e-11
x22	17.188	5.3468	3.2146	0.001308
x23	0	0	NaN	NaN
x24	-11.403	5.3468	-2.1327	0.032955
x25	2.4514	1.8923	1.2954	0.19519
x26	9.6625	1.8925	5.1056	3.3204e-07
x27	8.8131	1.8925	4.6568	3.2275e-06
x28	11.089	1.8925	5.8595	4.6984e-09
x29	7.6606	1.8877	4.0581	4.9609e-05
x30	-13.446	1.8875	-7.1237	1.0779e-12

Number of observations: 26280, Error degrees of freedom: 26250
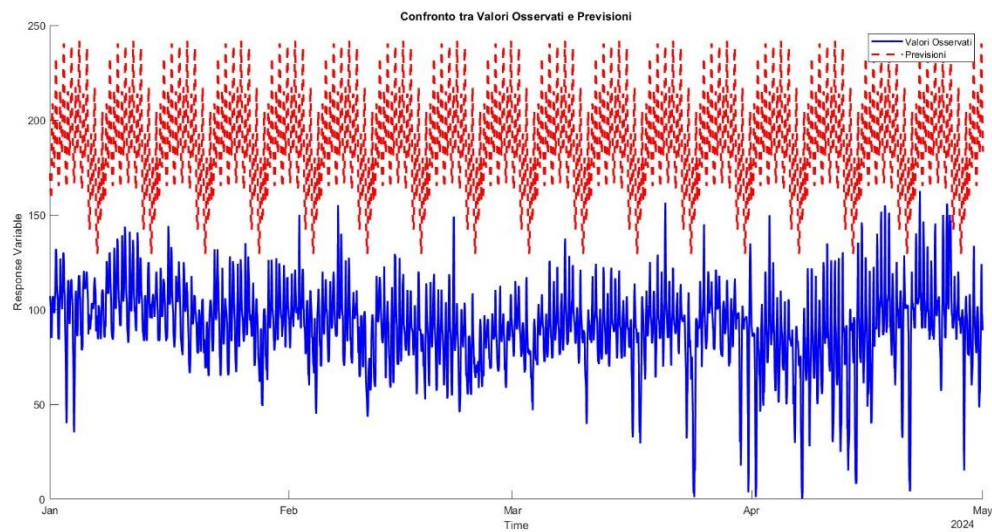Root Mean Squared Error: 125
R-squared: 0.0379, Adjusted R-Squared: 0.0368
F-statistic vs. constant model: 35.6, p-value = 1.01e-194

%% Grafici - Analisi dei residui

%% Grafico comparazione Forecast e valori registrati

Cambio base dati (anni 2016-2019):

%% Regressione fasce orarie (3.00am;7.00am;12.00am;15.00am;21.00am)
R^2=0.192

```
Estimated Coefficients:
                     Estimate        SE          tStat        pValue

    (Intercept)        50.764      0.48868       103.88            0
    x1                -2.0778      0.6911        -3.0065     0.0026449
    x2                -4.9088      0.6911        -7.1028     1.2535e-12
    x3                -7.7672      0.6911       -11.239      3.0623e-29
    x4                -9.3974      0.6911       -13.598      5.7351e-42
    x5                -9.9457      0.6911       -14.391      8.8702e-47
    x6                -8.8916      0.6911       -12.866      9.1166e-38
    x7                -4.7362      0.6911        -6.8531     7.3872e-12
    x8                 1.1677      0.6911         1.6897      0.0911
    x9                 6.8599      0.6911         9.926      3.5263e-23
    x10                8.5728      0.6911        12.405      3.098e-35
    x11                7.1232      0.6911        10.307      7.3081e-25
    x12                5.2647      0.6911         7.6179     2.666e-14
    x13                2.4621      0.6911         3.5626     0.00036787
    x14                     0           0          NaN          NaN
    x15                0.47534     0.6911         0.6878      0.49159
    x16                2.1829      0.6911         3.1586      0.001587
    x17                4.343       0.6911         6.2842     3.3481e-10
    x18                5.9594      0.6911         8.6231      6.88e-18
    x19                9.7744      0.6911        14.143      3.0136e-45
    x20               13.85        0.6911        20.04       1.1274e-88
    x21               12.6         0.6911        18.232      8.146e-74
    x22                7.7555      0.6911        11.222      3.7107e-29
    x23                3.3496      0.6911         4.8467     1.2622e-06
    x24               -0.014594    0.6911        -0.021117   0.98315
    x25                1.0443      0.24406        4.2787     1.8863e-05
    x26                2.6174      0.24469       10.697      1.1917e-26
    x27                3.5415      0.24471       14.472      2.7732e-47
    x28                3.2248      0.24471       13.178      1.5715e-39
    x29                2.1918      0.24409        8.9796     2.8942e-19
    x30               -4.6348      0.24406       -18.99      7.0726e-80


Number of observations: 26304, Error degrees of freedom: 26274
Root Mean Squared Error: 16.2
R-squared: 0.192,  Adjusted R-Squared: 0.192
F-statistic vs. constant model: 216, p-value = 0
```
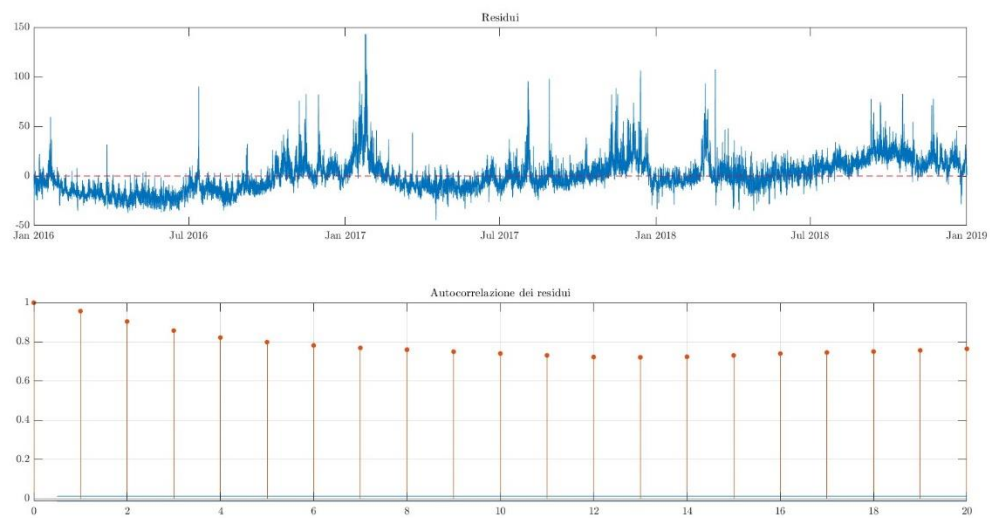
%% Grafici - Analisi dei residui

%% Grafico comparazione Forecast e valori registrati