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'none';\n",
    "  \n",
    "    async function convertToInteractive(key) {\n",
    "      const element = document.querySelector('#df-dae3e1d3-fd91-4b4c-8a4a-34d08d2a2a94');\n",
    "      const dataTable =\n
```

```

        "                await
google.colab.kernel.invokeFunction('convertToInteractive',\n",
        "                [key],
    {});\n",
        "                if (!dataTable) return;\n",
        "                \n",
        "                const docLinkHtml = 'Like what you see? Visit the '
+ \n",
        "                '<a target=\"_blank\"
href=https://colab.research.google.com/notebooks/data_table.ipynb>data table
notebook</a>'\n",
        "                + ' to learn more about interactive tables.';\n",
        "                element.innerHTML = '';\n",
        "                dataTable['output_type'] = 'display_data';\n",
        "                await google.colab.output.renderOutput(dataTable,
element);\n",
        "                const docLink = document.createElement('div');\n",
        "                docLink.innerHTML = docLinkHtml;\n",
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```

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Dtype	#	Column	Non-Null Count
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int64	" 2	number of bedrooms	14620 non-null
int64	" 3	number of bathrooms	14620 non-null
float64\n",	" 4	living area	14620 non-null
int64	" 5	lot area	14620 non-null
int64	" 6	number of floors	14620 non-null
float64\n",	" 7	waterfront present	14620 non-null
int64	" 8	number of views	14620 non-null
int64	" 9	condition of the house	14620 non-null
int64	" 10	grade of the house	14620 non-null
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int64	" 13	Built Year	14620 non-null
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float64\n",	" 17	Longitude	14620 non-null
float64\n",	" 18	living_area_renov	14620 non-null
int64	\n",		

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int64 \n", " 19 lot_area_renov 14620 non-null
int64 \n", " 20 Number of schools nearby 14620 non-null
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```

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14620.000000 \n",
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0.769934 \n",
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0.500000 \n",
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1.750000 \n",
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8.000000 \n",
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present \\\n",
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0.000000 \n",

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0.000000	"75%	2570.000000	1.080000e+04	2.000000	
1.000000	"max	13540.000000	1.074218e+06	3.500000	
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	"mean	0.233105	3.430506	...	1970.926402
	"std	0.766259	0.664151	...	29.493625
	"min	0.000000	1.000000	...	1900.000000
	"25%	0.000000	3.000000	...	1951.000000
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	"75%	0.000000	4.000000	...	1997.000000
	"max	4.000000	5.000000	...	2015.000000
	"\n",				
	"	Renovation Year	Postal Code	Lattitude	Longitude
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	"std	416.216661	19.082418	0.137522	0.141326
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	"25%	0.000000	122017.000000	52.707600	-114.519000
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14620.000000	"mean	1996.702257	12753.500068		
2.012244	"std	691.093366	26058.414467		
0.817284	"min	460.000000	651.000000		
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```

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"      <td>-113.505000</td>\n",
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"      <td>7.700000e+06</td>\n",
"    </tr>\n",
"  </tbody>\n",
"</table>\n",
"<p>8 rows × 23 columns</p>\n",
"</div>\n",
"    <button class=\"colab-df-convert\"

```

```

onclick=\"convertToInteractive('df-36a9e83c-70d4-459f-af24-6161d4928da6')\">\n",

```

```

        title=\"Convert this dataframe to an interactive
table.\"\\n\",
        style=\"display:none;\">\\n\",
        \\n\",
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height=\"24px\"viewBox=\"0 0 24 24\"\\n\",
        width=\"24px\">\\n\",
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2.06-.94 2.06-2.06.94zm-11 1L8.5 8.5l1.94-2.06 2.06-.94-2.06-.94L8.5 2.5l-.94
2.06-2.06.94zm10 10l1.94 2.06.94-2.06 2.06-.94-2.06-.94-.94-2.06-.94 2.06-
2.06.94z\"/><path d=\"M17.41 7.96l-1.37-1.37c-.4-.4-.92-.59-1.43-.59-.52 0-
1.04.2-1.43.59L10.3 9.45l-7.72 7.72c-.78.78-.78 2.05 0 2.83L4 21.41c.39.39.9.59
1.41.59.51 0 1.02-.2 1.41-.59l7.78-7.78 2.81-2.81c.8-.78.8-2.07 0-2.86zM5.41
20L4 18.59l7.72-7.72 1.47 1.35L5.41 20z\"/>\\n\",
        </svg>\\n\",
        </button>\\n\",
        \\n\",
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        display: flex;\\n\",
        flex-wrap: wrap;\\n\",
        gap: 12px;\\n\",
        }\\n\",
\\n\",
        .colab-df-convert {\\n\",
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        border: none;\\n\",
        border-radius: 50%;\\n\",
        cursor: pointer;\\n\",
        display: none;\\n\",
        fill: #1967D2;\\n\",
        height: 32px;\\n\",
        padding: 0 0 0 0;\\n\",
        width: 32px;\\n\",
        }\\n\",
\\n\",
        .colab-df-convert:hover {\\n\",
        background-color: #E2EBFA;\\n\",
        box-shadow: 0px 1px 2px rgba(60, 64, 67, 0.3), 0px 1px 3px
1px rgba(60, 64, 67, 0.15);\\n\",
        fill: #174EA6;\\n\",
        }\\n\",
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        [theme=dark] .colab-df-convert {\\n\",
        background-color: #3B4455;\\n\",
        fill: #D2E3FC;\\n\",
        }\\n\",
\\n\",
        [theme=dark] .colab-df-convert:hover {\\n\",
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        fill: #FFFFFF;\\n\",
        }\\n\",
        </style>\\n\",
\\n\",
        <script>\\n\",
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6161d4928da6 button.colab-df-convert');\\n\",
        buttonEl.style.display =\\n\",
        google.colab.kernel.accessAllowed ? 'block' :
'none';\\n\",

```

```

        "\n",
        "        async function convertToInteractive(key) {\n",
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        "            const dataTable =\n",
        "                await
google.colab.kernel.invokeFunction('convertToInteractive',\n",
        "                                [key],
        {});\n",
        "            if (!dataTable) return;\n",
        "            \n",
        "            const docLinkHtml = 'Like what you see? Visit the '
+ \n",
        "                '<a target=\"_blank\"
href=https://colab.research.google.com/notebooks/data_table.ipynb>data table
notebook</a>'\n",
        "                + ' to learn more about interactive tables.';\n",
        "            element.innerHTML = '';\n",
        "            dataTable['output_type'] = 'display_data';\n",
        "            await google.colab.output.renderOutput(dataTable,
element);\n",
        "            const docLink = document.createElement('div');\n",
        "            docLink.innerHTML = docLinkHtml;\n",
        "            element.appendChild(docLink);\n",
        "        }\n",
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        "    </div>\n",
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          id          Date  number of bedrooms  number of
bathrooms  \\\n",
          "count    1.462000e+04  14620.000000          14620.000000
14620.000000  \n",
          "mean      6.762821e+09  42604.538646          3.379343
2.129583  \n",
          "std       6.237575e+03    67.347991          0.938719
0.769934  \n",
          "min       6.762810e+09  42491.000000          1.000000

```

0.500000	\n",	"25%	6.762815e+09	42546.000000	3.000000
1.750000	\n",	"50%	6.762821e+09	42600.000000	3.000000
2.250000	\n",	"75%	6.762826e+09	42662.000000	4.000000
2.500000	\n",	"max	6.762832e+09	42734.000000	33.000000
8.000000	\n",	"\n",			
	"	living area	lot area	number of floors	waterfront
present	\\n",	"count	14620.000000	1.462000e+04	14620.000000
14620.000000	\n",	"mean	2098.262996	1.509328e+04	1.502360
0.007661	\n",	"std	928.275721	3.791962e+04	0.540239
0.087193	\n",	"min	370.000000	5.200000e+02	1.000000
0.000000	\n",	"25%	1440.000000	5.010750e+03	1.000000
0.000000	\n",	"50%	1930.000000	7.620000e+03	1.500000
0.000000	\n",	"75%	2570.000000	1.080000e+04	2.000000
0.000000	\n",	"max	13540.000000	1.074218e+06	3.500000
1.000000	\n",	"\n",			
	"	number of views	condition of the house	...	Built Year
\\n",	"count	14620.000000	14620.000000	...	14620.000000
\n",	"mean	0.233105	3.430506	...	1970.926402
\n",	"std	0.766259	0.664151	...	29.493625
\n",	"min	0.000000	1.000000	...	1900.000000
\n",	"25%	0.000000	3.000000	...	1951.000000
\n",	"50%	0.000000	3.000000	...	1975.000000
\n",	"75%	0.000000	4.000000	...	1997.000000
\n",	"max	4.000000	5.000000	...	2015.000000
\n",	"\n",				
	"	Renovation Year	Postal Code	Lattitude	Longitude
\\n",	"count	14620.000000	14620.000000	14620.000000	14620.000000
\n",	"mean	90.924008	122033.062244	52.792848	-114.404007
\n",	"std	416.216661	19.082418	0.137522	0.141326
\n",	"min	0.000000	122003.000000	52.385900	-114.709000
\n",	"25%	0.000000	122017.000000	52.707600	-114.519000
\n",	"50%	0.000000	122032.000000	52.806400	-114.421000
\n",	"75%	0.000000	122048.000000	52.908900	-114.315000
\n",					

```

\n",
    "max          2015.000000  122072.000000      53.007600   -113.505000
\n",
    "\n",
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nearby  \\\n",
14620.000000  "count          14620.000000      14620.000000
\n",
    "mean          1996.702257      12753.500068
2.012244  \n",
    "std           691.093366      26058.414467
0.817284  \n",
    "min           460.000000      651.000000
1.000000  \n",
    "25%           1490.000000      5097.750000
1.000000  \n",
    "50%           1850.000000      7620.000000
2.000000  \n",
    "75%           2380.000000      10125.000000
3.000000  \n",
    "max           6110.000000      560617.000000
3.000000  \n",
    "\n",
    "    Distance from the airport      Price  \n",
    "count          14620.000000  1.462000e+04  \n",
    "mean           64.950958  5.389322e+05  \n",
    "std            8.936008  3.675324e+05  \n",
    "min           50.000000  7.800000e+04  \n",
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    "50%           65.000000  4.500000e+05  \n",
    "75%           73.000000  6.450000e+05  \n",
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    "                    }\n",
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    "                        vertical-align: top;\n",
    "                    }\n",
    "                    \n",
    "                    .dataframe thead th {\n",
    "                        text-align: right;\n",
    "                    }\n",
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    "                            <th>number of bedrooms</th>\n",
    "                            <th>number of bathrooms</th>\n",
    "                            <th>living area</th>\n",
    "                            <th>lot area</th>\n",
    "                            <th>number of floors</th>\n",
    "                            <th>waterfront present</th>\n",

```



```

"      <th>number of views</th>\n",
"      <th>condition of the house</th>\n",
"      <th>...</th>\n",
"      <th>Built Year</th>\n",
"      <th>Renovation Year</th>\n",
"      <th>Postal Code</th>\n",
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"      <th>Longitude</th>\n",
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"      <th>lot_area_renov</th>\n",
"      <th>Number of schools nearby</th>\n",
"      <th>Distance from the airport</th>\n",
"      <th>Price</th>\n",
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"      <td>14620.000000</td>\n",
"      <td>14620.000000</td>\n",
"      <td>14620.000000</td>\n",
"      <td>1.462000e+04</td>\n",
"      <td>14620.000000</td>\n",
"      <td>14620.000000</td>\n",
"      <td>14620.000000</td>\n",
"      <td>14620.000000</td>\n",
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"      <td>14620.000000</td>\n",
"      <td>14620.000000</td>\n",
"      <td>14620.000000</td>\n",
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```

```

"      <tr>\n",
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"          <td>1.000000</td>\n",
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"          <td>...</td>\n",
"          <td>1951.000000</td>\n",
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"          <td>122017.000000</td>\n",

```

```

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```

```

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"      <td>7.700000e+06</td>\n",
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"  </tbody>\n",
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"<p>8 rows × 23 columns</p>\n",
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table.\">\n",
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"      \n",
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height=\"24px\" viewBox=\"0 0 24 24\">\n",
"      width=\"24px\">\n",
"        <path d=\"M0 0h24v24H0V0z\" fill=\"none\"/>\n",
"        <path d=\"M18.56 5.44l.94 2.06.94-2.06 2.06-.94-2.06-.94-.94-.94-
2.06-.94 2.06-2.06.94zm-11 1L8.5 8.5l.94-2.06 2.06-.94-2.06-.94L8.5 2.5l-.94
2.06-2.06.94zm10 10l.94 2.06.94-2.06 2.06-.94-2.06-.94-.94-2.06-.94 2.06-
2.06.94z\"/><path d=\"M17.41 7.96l-1.37-1.37c-.4-.4-.92-.59-1.43-.59-.52 0-
1.04.2-1.43.59L10.3 9.45l-7.72 7.72c-.78.78-.78 2.05 0 2.83L4 21.41c.39.39.9.59
1.41.59.51 0 1.02-.2 1.41-.59l7.78-7.78 2.81-2.81c.8-.78.8-2.07 0-2.86zM5.41
20L4 18.59l7.72-7.72 1.47 1.35L5.41 20z\"/>\n",
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"    </button>\n",
"    \n",
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"      gap: 12px;\n",
"    }\n",
"  >\n",
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"      border: none;\n",
"      border-radius: 50%;\n",
"      cursor: pointer;\n",
"      display: none;\n",
"      fill: #1967D2;\n",
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"      padding: 0 0 0 0;\n",
"      width: 32px;\n",
"    }\n",
"  >\n",
"    .colab-df-convert:hover {\n",
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1px rgba(60, 64, 67, 0.15);\n",
"      fill: #174EA6;\n",

```

```

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