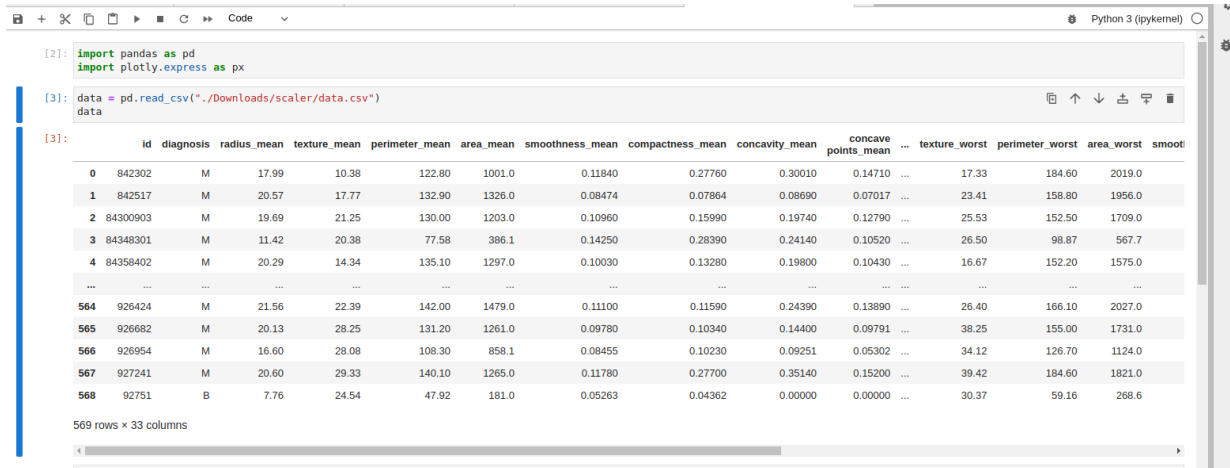


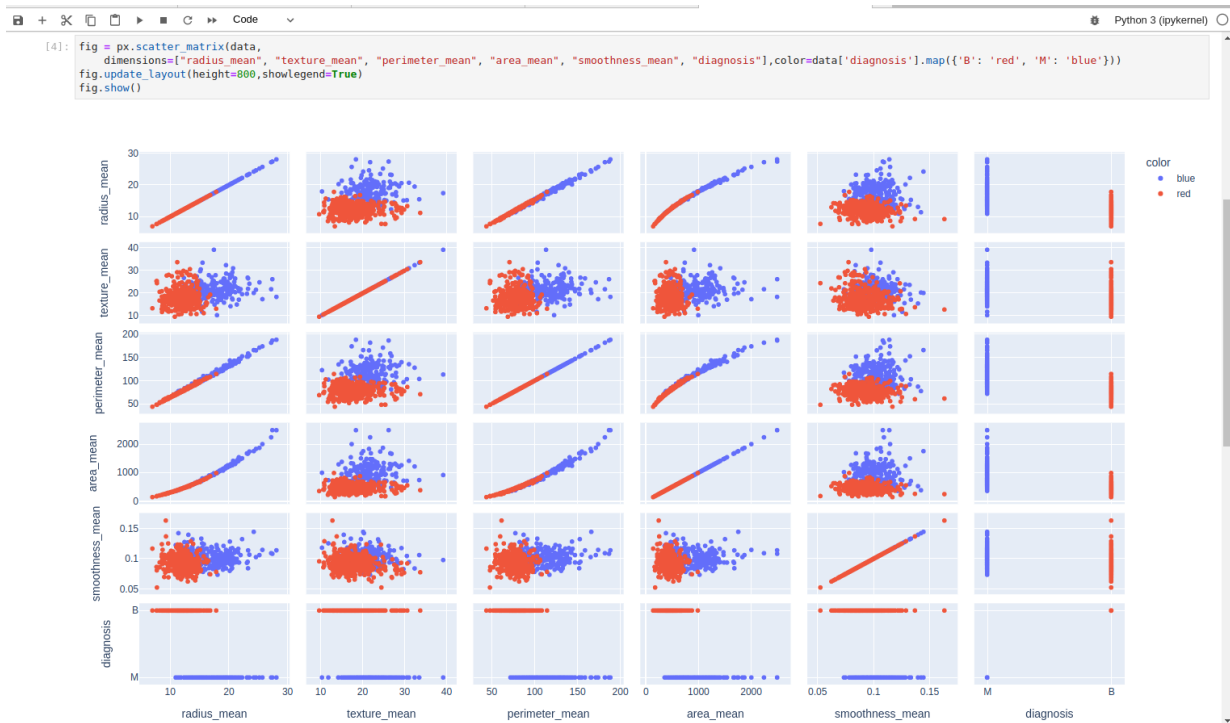
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ASSIGNMNET 2.4



- This code reads a CSV file located in the "Downloads/scaler/" directory and creates a scatter matrix plot using the `px.scatter_matrix()` function from the Plotly Express library.



- The plot will have six dimensions, namely `radius_mean`, `texture_mean`, `perimeter_mean`, `area_mean`, `smoothness_mean`, and `diagnosis`.
- The color parameter is used to color-code the points based on the diagnosis column, with 'B' (benign) shown in red and 'M' (malignant) shown in blue.
- Finally, the `fig.update_layout()` method is called to set the height of the plot and show the legend, and `fig.show()` is used to display the plot in the Jupyter notebook or in a web browser if you're running the code outside of Jupyter.