| **Tasks** | **Status** | **Priority** | **Related Files** | **Notes** |
| --- | --- | --- | --- | --- |
| Correlation | Done |  |  |  |
| Find Datasets | Done | 1 | None |  |
| Various ML Algorithms | Done |  |  |  |
| Clean Datasets | Done | 2 | None |  |
| Split Dataset | Done | 1 | None |  |
| Custom Transformer  Architecture | Done | 1 |  |  |
| Positional Encoding | In progress | 1 |  | Initially considered done but visually seems to be incorrectly implemented.  Currently taking another look. |
| Pre training | In progress | 1 |  | Will repeat again after positional encoding is done |
| Architecure Modification 1 | In progress | 3 |  | Adding 1x1 Convolution.  Optional may improve performance |
| Architecture Modification 2 | Not started | 3 |  | Adding Squeeze and excite block.  Optional may improve performance |
| Curated Dataset Number 2 | In progress | 2 |  | Find a gold label dataset \*instead of the larger finBERT labelled dataset) |
| Final Evaluation | Not started |  |  | Conduct the last train, validation and test on this. |
| Final Report | In progress | 2 |  | Finish report with all results. In progress. |