R2 Heatmap 0.329 30 -0.539 0.342 0.561 0.486 0.730 0.715 29 -0.578 0.192 0.578 0.345 0.644 0.811 0.786 0.8 28 -0.675 0.810 0.769 0.545 0.395 0.589 0.127 27 -0.476 0.383 0.633 0.237 0.619 0.718 0.720 0.402 0.669 26 -0.481 0.167 0.655 0.781 0.735 25 -0.825 0.744 0.492 0.355 0.571 -0.333 0.721 24 -0.633 0.755 0.739 0.879 0.796 0.382 0.208 - 0.6 23 -0.692 0.371 0.689 0.214 0.623 0.796 0.782 0.394 0.752 -0.222 0.639 0.796 0.757 22 -0.403 0.631 0.754 0.716 21 -0.558 0.403 0.587 0.382 20 -0.382 0.694 0.324 0.694 0.823 0.771 0.325 19 -0.710 0.648 0.463 0.376 0.263 0.753 0.749 sequence length - 0.4 18 -0.225 0.394 0.751 0.033 0.640 0.791 0.700 17 -0.567 0.673 0.686 0.807 0.727 0.414 0.244 16 -0.446 0.342 0.669 0.233 0.649 0.802 0.700 15 -0.551 0.347 0.716 0.354 0.541 0.755 0.710 14 -0.581 0.423 0.691 0.334 0.726 0.810 0.755 - 0.2 13 -0.606 0.371 0.824 0.361 0.744 0.824 0.784 12 -0.365 0.439 0.727 0.328 0.710 0.795 0.734 0.464 0.430 0.693 0.200 0.556 0.815 0.811 11 -0.705 0.783 0.137 0.764 0.840 0.812 10 -0.360 0.660 9 -0.374 0.733 0.044 0.669 0.834 0.777 - 0.0 0.690 0.722 8 -0.499 0.392 0.213 0.785 0.700 0.519 0.374 0.798 0.256 0.708 0.810 0.688 7 -0.816 0.762 6 -0.485 0.423 0.398 0.618 0.620 5 -0.511 0.263 0.821 0.232 0.730 0.767 0.679 0.835 0.800 0.819 4 -0.552 0.198 0.202 0.751 -0.20.628 0.068 0.869 0.136 0.667 0.811 0.689 3 -0.813 0.746 0.830 0.766 0.788 2 -0.053 0.134 0.746 0.144 0.814 0.105 0.755 0.827 0.790 1 -DT **GRU** LR **LSTM** RF **XGBoost** MLP Model