VSIM Case Study

Vancouver ShipInvest and Management Ltd. (VSIM) needed future insights into the bulk carrier market. These insights were needed to inform their own investment decisions as well as to convince one of their clients that their investment strategy is backed with independent 3rd party forecasts.

Soshianest was able to work with VSIM to provide an adhoc report forecasting multiple variables of interest in the bulk carrier sector.

Approach:

- We discussed with VSIM the sub-sectors within Bulk that they were interested in
- We analyzed the available data to see which variables have enough data to feed to our deep learning models
- After selecting the output variables, we analyzed the sub-sectors along with VSIM to determine the set of inputs relevant to each variable.
- This set of input and output variables formed the initial dataset on which our analysis was done before being fed to our deep learning network.

Scope:

- Freight Rates for Handymax, Panamax and Kamsarmax
- Newbuild Price, Secondhand Price, Demolition, Deliveries, Average Age for Handymax
- Annual predictions for next 3 to 5 years

Sample Output:

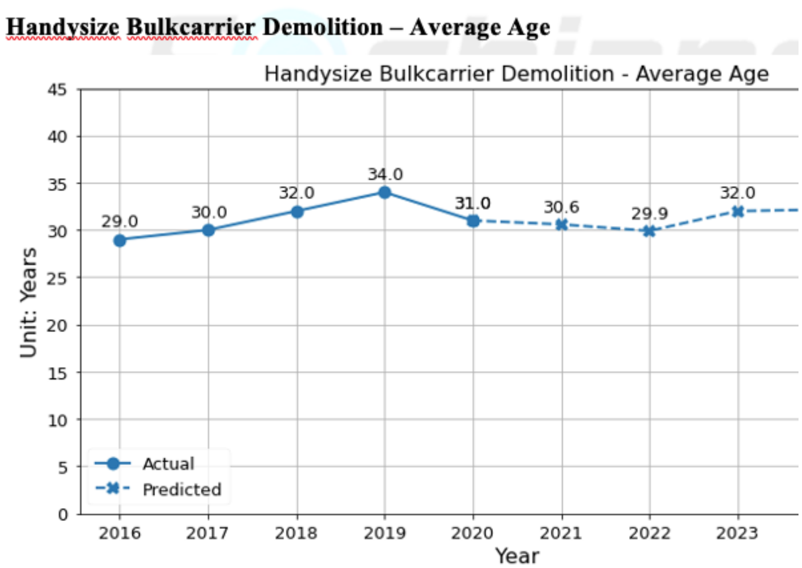

Figure 5

Outcome:

- Provided custom forecasts based on client needs
- Maintained our standard of 75% accuracy for forecasts
- Helped client in presenting insights in a coherent manner for their partner client
- Added the customized predictions to our monthly forecasts as part of subscription for Bulk carriers