**Project Design Phase-I**

**Solution Architecture**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID53936 |
| Project Name | Project – Crude Oil Price Prediction |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

A complicated process with numerous sub-processes, solution architecture connects business issues with technological solutions. Its objectives are to:

* Use the LSTM technique to identify the best technological solution to address current issues in businesses.
* Explain the software's layout, traits, behaviour, and other features in order to anticipate crude oil prices more precisely.
* Offer guidelines for how the solution will be developed, managed, and delivered.

**Solution Architecture Diagram:**

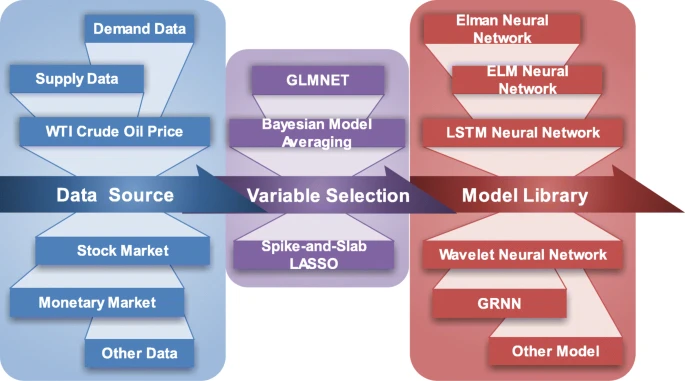
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Figure 1: Architecture and data flow of the crude oil price prediction algorithm.

**Reference:** [**https://energyinformatics.springeropen.com/articles/10.1186/s42162-021-00166-4**](https://energyinformatics.springeropen.com/articles/10.1186/s42162-021-00166-4)