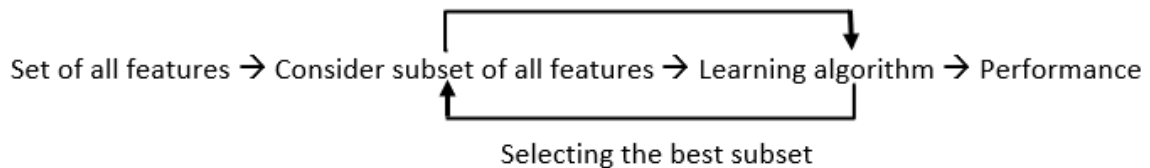
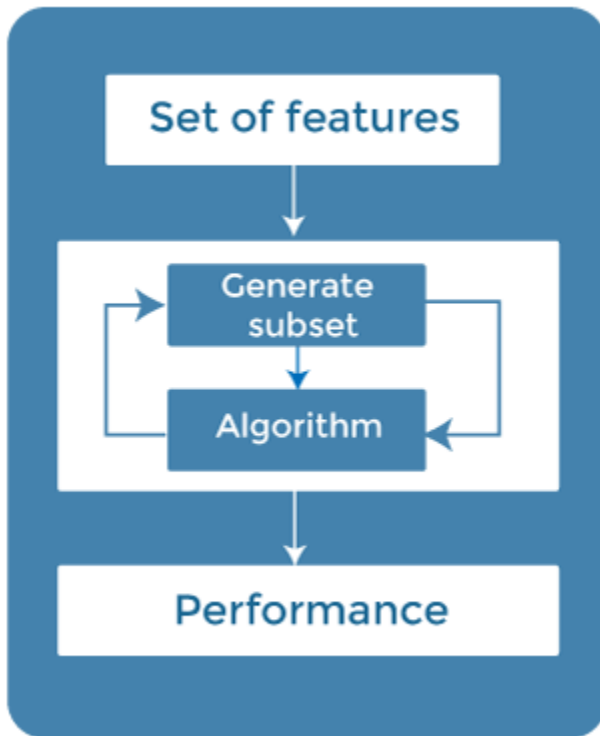


Day69 Wrapper Method By: Loga Aswin

- The process of choosing features involves treating it like a search problem and creating, assessing, and contrasting several combinations with one another. Iteratively employing the subset of features, the algorithm is trained.



1. **Forward Selection:** Starts with an empty set of features and iteratively adds the most significant feature at each step until a stopping criterion is met.
2. **Backward Elimination:** Begins with all features and removes the least significant feature in each iteration until a stopping criterion is met.
3. **Recursive Feature Elimination (RFE):** Involves recursively fitting the model and removing the least significant features until the specified number of features is reached.

4. **Bidirectional Elimination:** Combines forward selection and backward elimination by iteratively adding and removing features to improve model performance.