

BRAINSTROM & IDEA PRIORITIZATION

Brainstorming is a group creativity technique by which efforts are made to find a conclusion for a specific problem by gathering a list of ideas spontaneously contributed by its members

PROBLEM STATEMENT

To produce accurate predictions of energy output from a wind farm based on the wind coditions at its surroundings

BRAIN STORM

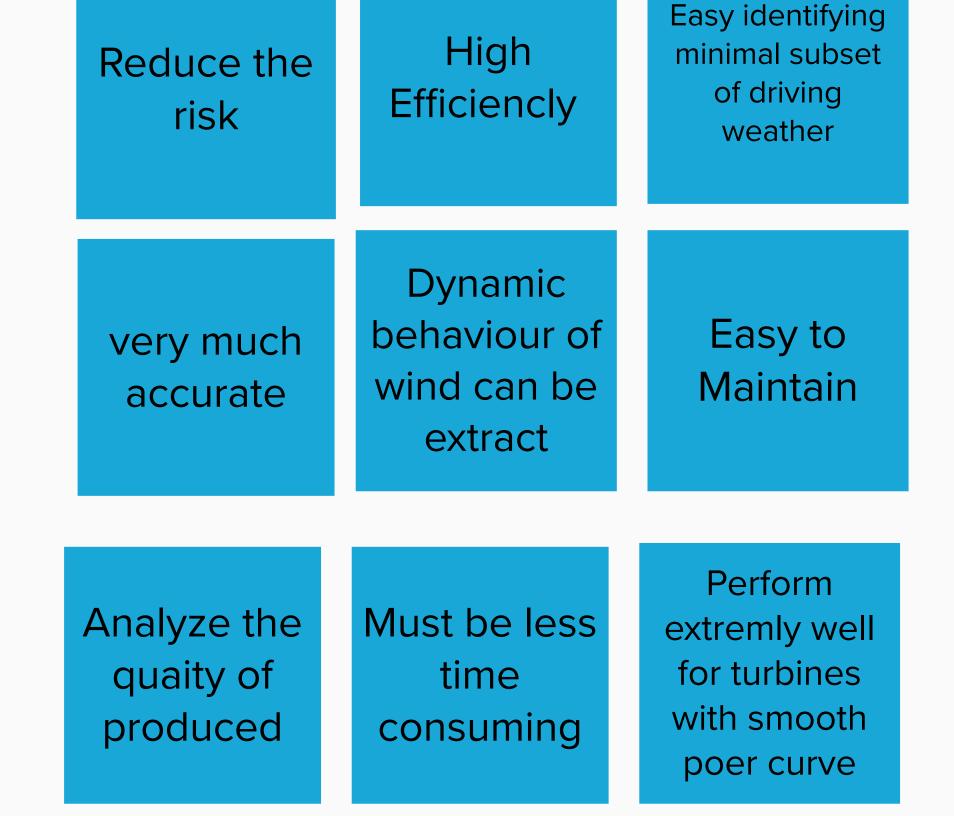
PAVITHRA AJ

wind power is domestically used	low cost for system and produced energy	use of simple and already known technology
simple to install and maintain	pleasant apperance	It has low power coefficient
wind is freely available in nature	large requirement of land for wind farm	No fossil fuels are used to generate electricity

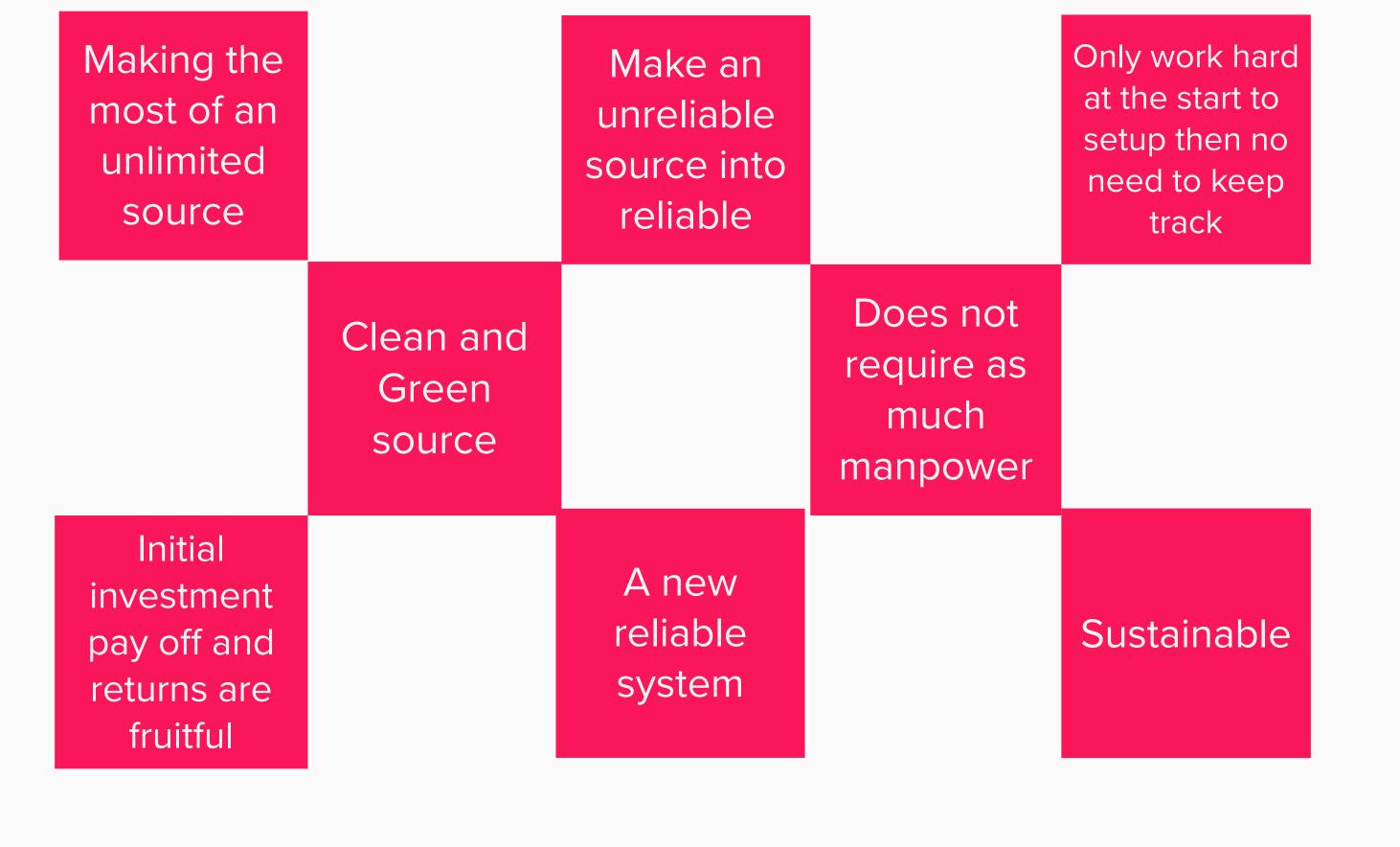
NANTHINI P

Random forest regression algorithm	Supervised learning algorithm	Ensemble learning method
Adds additional randomness to the model while growing the trees	3 main hyper parameters (node size, no.of trees & no.of features sampled)	Overfit more easily
Use all the regression metrics	Predict the output values based on input features from the data fed in the system	Improve the predictive accuracy and control overfitting

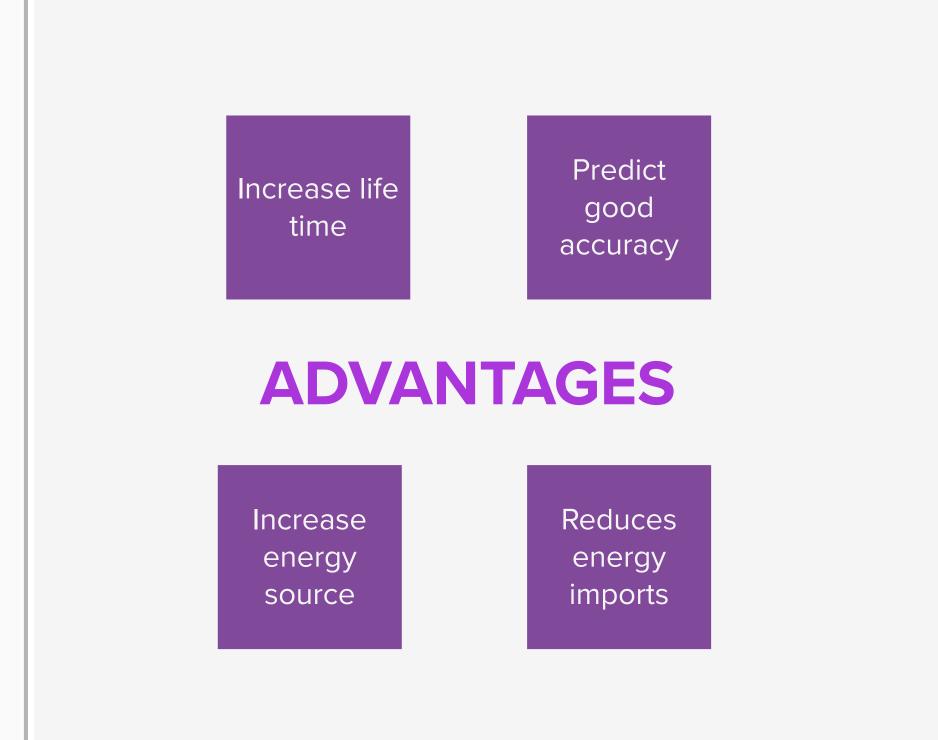
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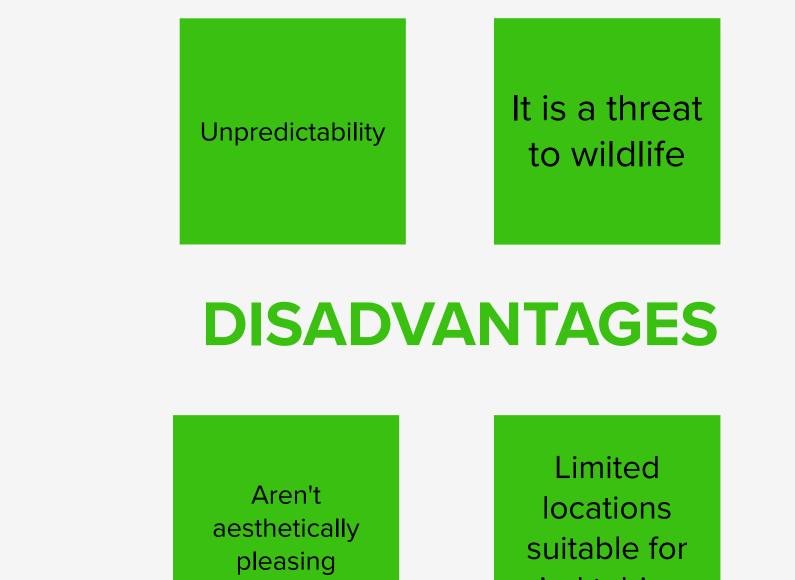


PRANAVA DURGA M A



GROUP IDEAS









IDEA PRIORITIZATION

