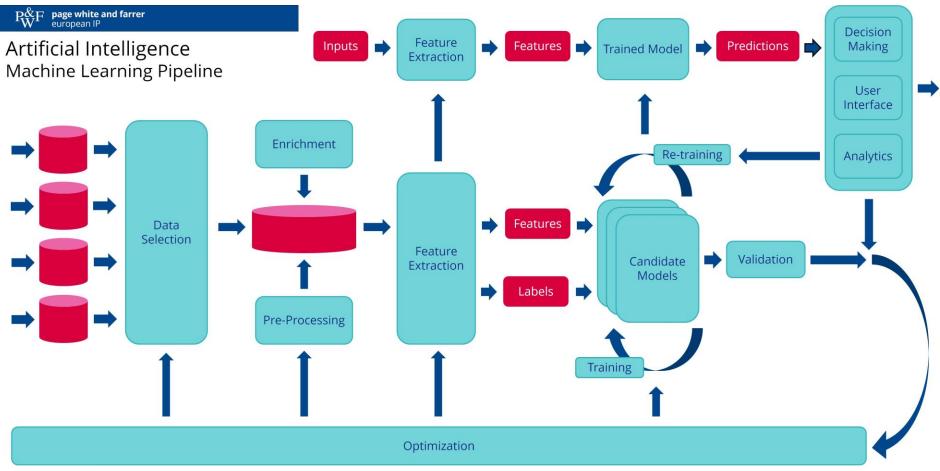**Machine Learning Innovation**

Tom Woodhouse has prepared this diagram to show that patentable inventions can arise at any stage in a typical machine learning pipeline. For example, the 2018 guidelines from the European Patent Office recognize that patentable inventions can arise where there is novelty in the way a model is trained or in the preparation of a training set. This is the case even if the model and the application of the model are not themselves new. Patentable inventions can also arise from novel data cleansing, feature extraction or user interfaces, or from new combinations or applications of existing models (to name but a few).

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Artificial Intelligence
Machine Learning Pipeline

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