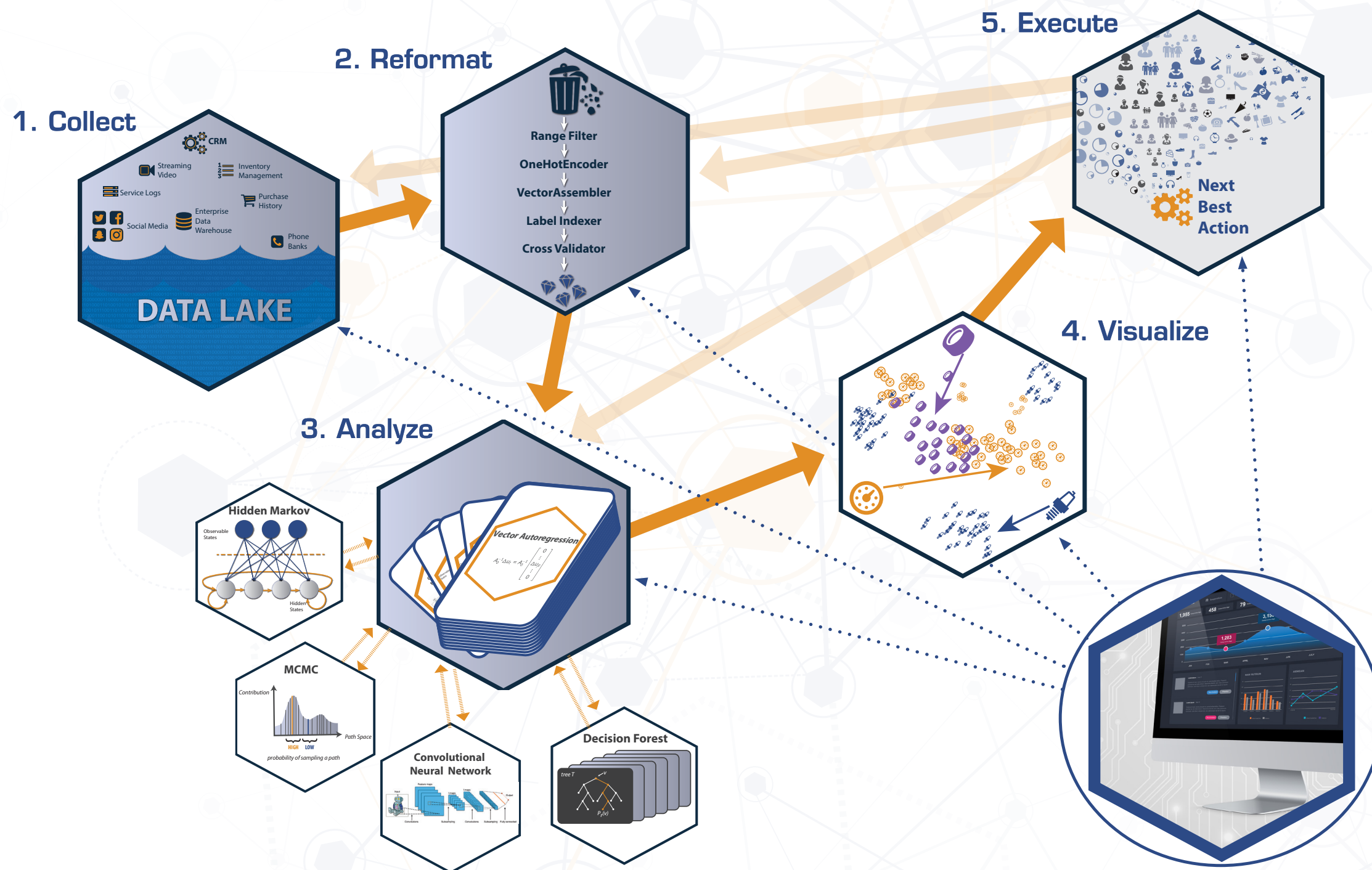


The Machine Learning Workflow

An Excerpt from *The Machine Learning Field Guide*,

by Bruce Ho, PhD - Chief Data Scientist, BigR.io



Five Key Machine Learning Practices:

- 1. Collect**
Collect and integrate petabytes and exabytes of data into a data lake to feed Machine Learning models.
- 2. Reformat**
Extract feature sets, bootstrap, impute missing data, and reduce input vector dimension as needed.
- 3. Analyze**
Identify approach, select algorithms, design the model(s), and train the network with pipelined data.
- 4. Visualize**
Interactive visualization to uncover hidden patterns in data and highlight fruitful areas of exploration.
- 5. Execute**
Integrate production-ready predictive models into operating environments.

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