**Valued Added Data Science**

# The Effective Data Science Manifesto

1. Simple is better than complex.
2. Business value over research value.
3. Leadership over reactiveness.

# Data Science Process

1. Define Problem Statement and Expectations
2. Data Acquisition
   1. Data Logistics
      1. Storage
      2. Backup
      3. Security
3. Data Preparation
   1. Exploratory Data Analysis
4. Model Development
5. Model Deployment
6. Reporting and Visualization
7. Model Evaluation
8. Feedback

Data Program Setup and Development

Data Science

Machine Learning

Deep Learning

Everything targeted at adding value.

Simplicity over complexity

# IUMMI Model

**I – Idea** – An idea from a stakeholder converted into problem statement by the data scientist and approved by the stakeholder.

**U – Usage** – Are you clear how the stakeholder will use the model, before developing a model.

**M – Metrics** – The

**M – Model** – The

**I – Intrepretation** – The