

# Impact

**Magnitude:** Small improvement or revolution?

**Scale:** How often will this be used? How many users/customers/employees will benefit?

- Small process optimization, but since this process is used everyday in the whole organization it saves countless hours
- New feature that revolutionizes the product and sets us apart from the competition, but the market for it is tiny

**Valuable Side Effects?** What will be different? Additional opportunities that could arise from this?

# Effort

**Data Availability:**

- How much data was already collected? Is this the right data or do you need, e.g., additional labels?
- How difficult is it to get access to all of the data and combine it neatly in one place?
- How much preprocessing is necessary, e.g., feature engineering (computing new variables from the existing measurements)?

**ML (or Cost of Buying):**

- Simple traditional ML algorithm?
- Standard neural network model (e.g., CNN for computer vision)?
- Problem needs to be solved with a combination of methods?
- No existing algorithm for this type of problem?

**Workflow Integration:**

- How will the model be integrated with the existing setup (e.g., cloud or edge device; special hardware needed)?
- What are the plans w.r.t. pipelines for future data collection, model monitoring & automated retraining?