Pogo

A Programming Project Advisor

One stop application that speeds up a user's learning phase.

INPUT:
A programming task description

OUTPUT:
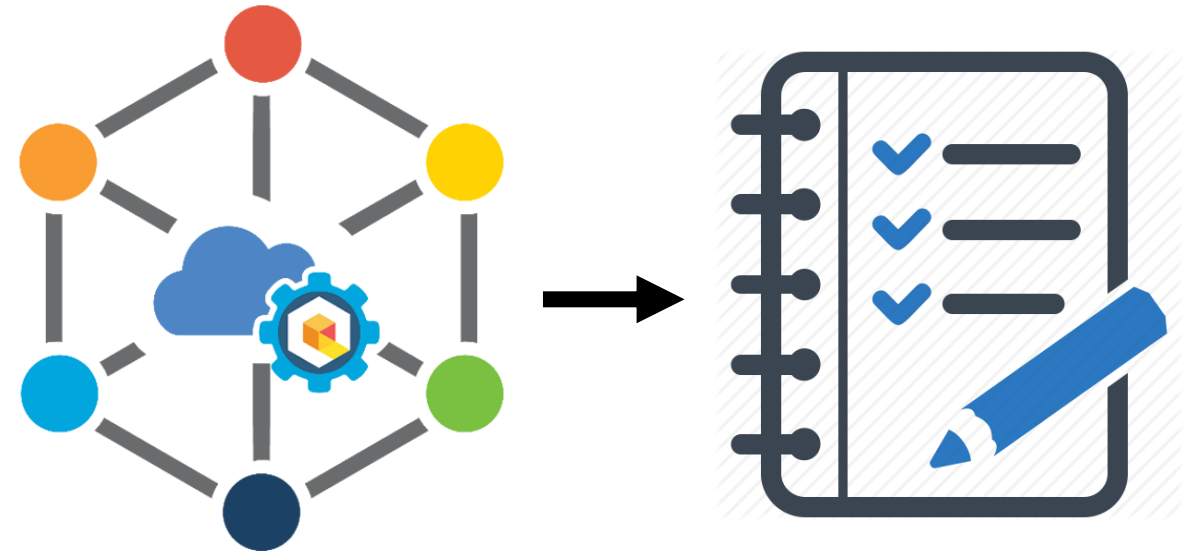Insights on the most relevant technologies to use to achieve the task

P
o
g
o

Current Practice

Scattered Resources increase learning time.

Longer development phase.
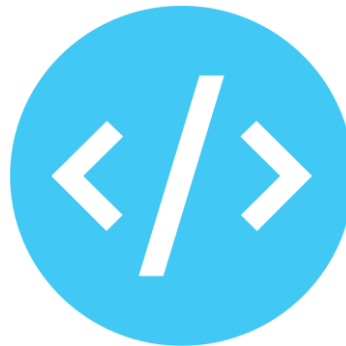
Our Approach

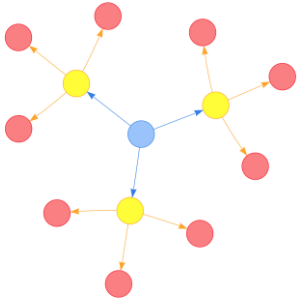Data Integration offers useful insights at one place.
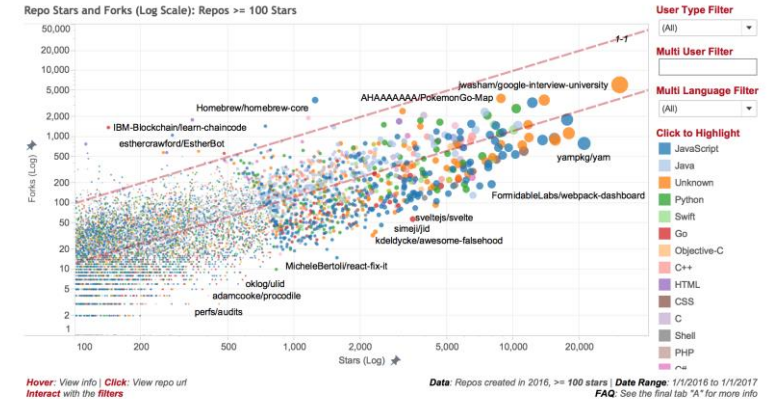
Structured learning plan.

Why Pogo?

Because we all care.

Features

Package Dependency Graph *Cattuto et al. (2013)*

Popular Repositories/ Packages *Borges et al.(2016)*

Pogo

Problematic/ Confusing topics
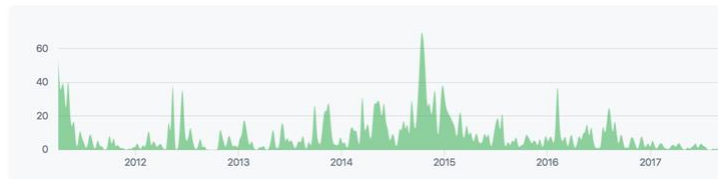
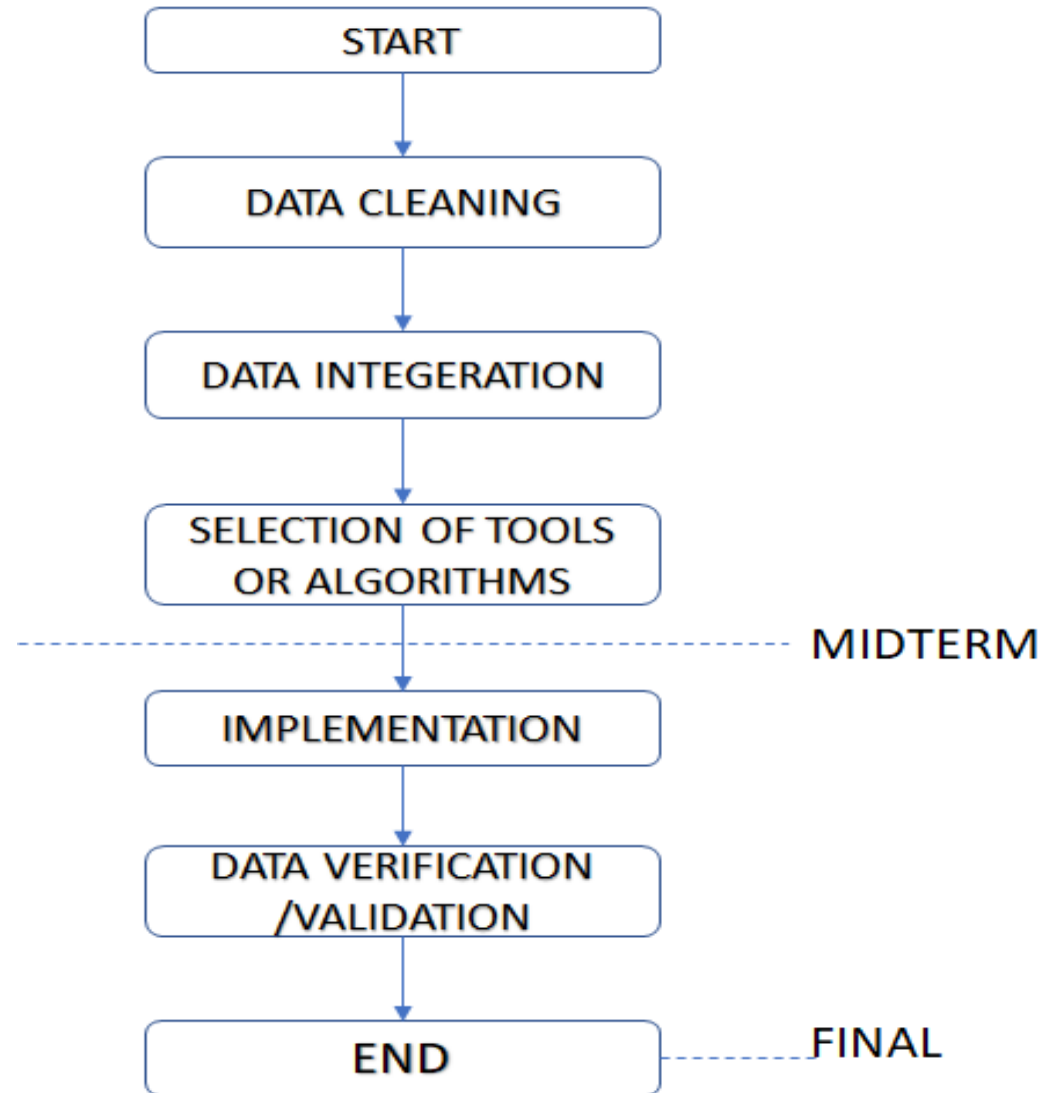Assistance Score *Calefato, Fabio, et al.(2015)*

Repository Reliability

Plan of Activities

START

↓

DATA CLEANING

↓

DATA INTEGERATION

↓

SELECTION OF TOOLS
OR ALGORITHMS

-------- MIDTERM

IMPLEMENTATION

↓

DATA VERIFICATION
/VALIDATION

↓

END ------- FINAL

Risks

Payoff

- Scalability
- Small proportion of missing data

Reduced Learning time

Boosted Productivity

Cost $

Storage: First 10GB free

Queries: First 1TB free

Storage: 0.02$ per GB

Queries: 5$ per TB

(per month)
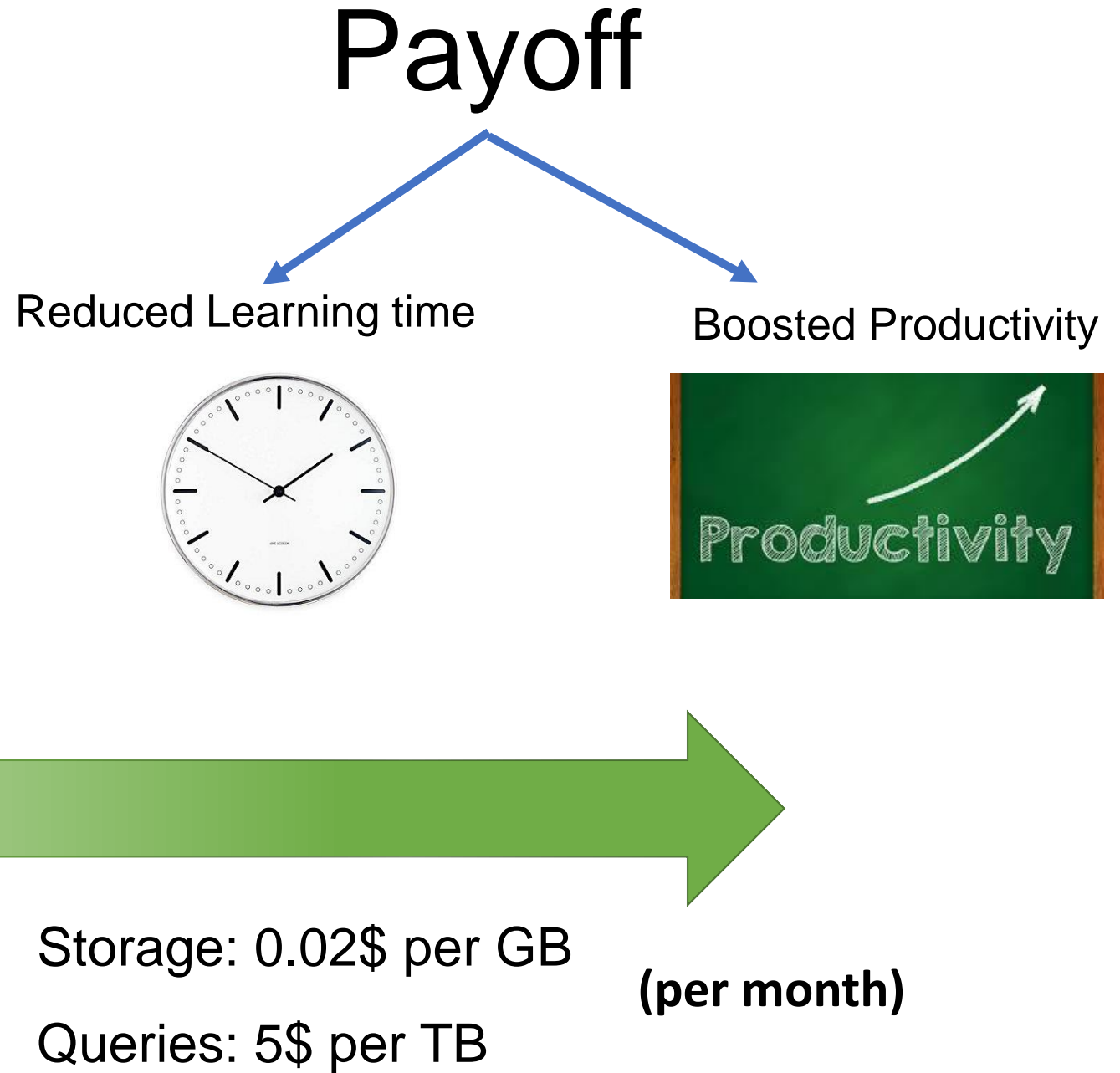
Team

Neetha Ravishankar

Maneet Goyal

Mansi Mathur

Aditi J. Mukhtyar

Harsh V. Kumar

Vijaysri Lakshmanan