Making Daily Motivation

,or an ode to Coffee.

Also see, why Major Definitions Matter.

https://github.com/coreyhart

Master Data Management, an overview

01

PURPOSE

Why?

02

COMPONENTS

What?

03

IMPROVING

Who and How?

Why MDM?

Without

- Many 'definitions' of data
  - Inconsistent usage, context, calculations

- Many 'sources' of data
  - Systems conflict, departments disagree

- Few 'owners' of data
  - Who is accountable, responsible, consulted?

With

- Written and enforced meanings
  - Specifications, Catalogs, Dictionaries, Policies

- Primary source documented
  - Data genealogy, traceable to original source

- Curation of key data
  - Processes at each step of trusted data pipelines

What does MDM look like?

Governance	Architecture	Stewardship	Monitoring
Create & Enforce Policy	Documented Data Flow	Established Ownership	Complete
Review Procedures	Integrated Systems	Written Definitions / Specs	Consistent
Change Control	Analytics Capability	Part of Business processes, not in addition to.	Accurate
			Timely

Exec. sponsorship, User empowerment

Technical data maturity

Easiest part to understand, Hardest to do.

CCAT Score, Regular review

MDM Who?

A modern organization uses data to make reasonably informed decisions.
    A modern organization uses Trusted Data to make Consistently Well-informed decisions.

Decision Makers	Analytic Products	Data Systems	Business Systems	Data Entry

◈ Person to Person Trusted Data Pipeline

How, an example rollout

Current State Analysis

- Business Process Framework
- Inputs/outputs
- Data products used for Decisions

Use cases,
Data & Report Catalogs,
Governance Policy.

Master Data Management
is a journey and not a destination.

01
DEFINE
CURRENT
STATE

02
ENFORCE
TRUSTED
PIPELINE

03
MAINTAIN &
IMPROVE
PIPELINE(S)

No need to limit ad-hoc sources for observation and exploration.

Only data from a trusted pipeline can be used for decisions.