



DATA MATURITY MODEL

Lanes 1-3

LOW CAPABILITY

HIGH CAPABILITY

Analytics



Summary reports



Descriptive analytics



Diagnostic analytics



Predictive analytics



Cross-functional prescriptive analytics

Culture



Data use uncoordinated, ad-hoc & quality issues limit usefulness



Data use by request & quality programs nascent



Some data use routine & quality programs support key assets



High demand for data across agency & data drives decision-making



Participates in interagency data communities to share and learn

Management



Data in silos, documentation sparse, standards not regularly applied



Some documentation exists



Data managed across agency, documentation uniform, some standards applied



Data managed for cross-functional apps & standards regularly applied



Data managed for agency-wide needs & standards uniformly applied



DATA MATURITY MODEL

Lanes 3-6

LOW CAPABILITY

HIGH CAPABILITY

Personnel



No dedicated personnel performing data duties

Some siloed data teams but no clear career path for data personnel

Professional development path established for data personnel

Data professionals integrated with subject matter experts

Multidisciplinary teams advance mission, solve challenges

Systems + Tech



Data in siloed systems & must be frequently copied to use

Some data can be programmatically accessed

Some common data systems

Key data can be programmatically accessed & common tools exist

Common systems and tools for core data are used across agency

Governance



Loose affiliations of technical staff

Bureau-level collaboration, ownership & stewardship

Agency-level collaboration, ownership & stewardship

Agency-level organization accountable for data governance

Multi-agency advancement of data ownership & stewardship