





## Developer Input

- a) Developer/Devops/Dataops Environment and Tools
- b) ETL Tools
- c) Data Import and Export
- d) Data ingestion Tools
- e) Data Friction Prevention and Relief Tools
- f) Lean Manufacturing Principles
- g) Prevention of Muda or Prevention of Inefficiency
- h) Machine Learning and Artificial Intelligence
- i) Automatic Mapping and Matching of input Data
- j) Automatic Mapping of export/import/operational data with HL7 FHIR Master and Extended Profiles, resources and semantics
- k) Automatic mapping of import, export and operational data to Enterprise Metadata and Master Data
- l) Exception, Balancing, Monitoring and Logging data
- m) Statistical Process Control, Runtime Characteristics, Service Level Agreement satisfaction, Critical Success factor, Organizational Charter and other data capture
- n) transparency, debugging, monitoring self, balancing, and Polynomial/NonPolynomial Time assessment
- o) Massaging of data vectors and views including inlier, outlier, mode, median, correlations, Spatial, and other characteristics particularly regarding Key Fields.
- p) Rapid economic Justification, ROI, NPV of correlations and correlates and changes to data enhance derivatization, value, KPI attainment, Service Level Attainment, Statistical Process Control, Critical Success factors, Project Charter, Program Character and Organizational Charter objectives.
- q) Automation of master pipelines and subpipelines.

Agile, Scrum, Kanban operations  
focused on lean manufacturing,  
Devops, and reduction of  
inefficiency

Import, Export, ETL, Transform,  
Route, Split, Integrate, Improve,  
CRUD, Ocean, Lake, Warehouse,  
Mart, ODS, River, Rapids, Process  
Using APIs, Massively Parallel  
Batch, Transactional, Balance,  
Monitor, Log Data

Integrate Control, Balancing, Monitoring, Logging data with KPI, Charter Objective, Critical Success factor, Statistical Process Control and Service Level Attainment Data in Data Glacier Model Processing

## AI, ML Masterdata, Metadata, HL7, WSDL, Json, Etc Data Mapping

# Improve Organizational Performance with subpipes, Master Pipes

Orchestrations, Subpipes and  
Masterpipe Devops/Dataops Tool  
Source, Transform, and Concluding  
Output programmed and  
Configured

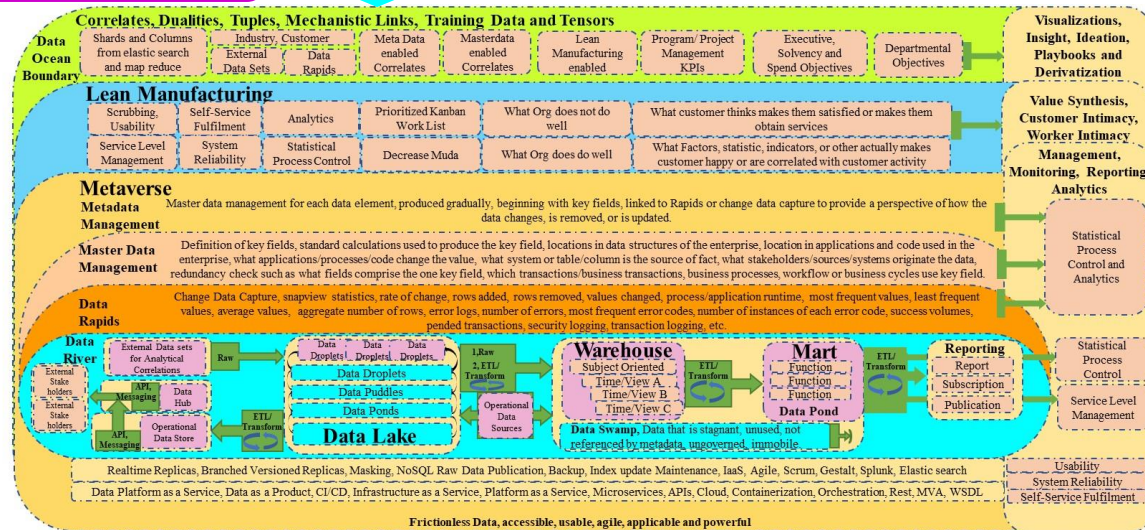
Analytics, Visualization, Insight,  
Ideation, Derivatization, Graphs,  
Sigmoids, Views, Reports, Columns,  
Schards, SCD2,3,4,6 for changing  
data, Test Criteria at each subpipe

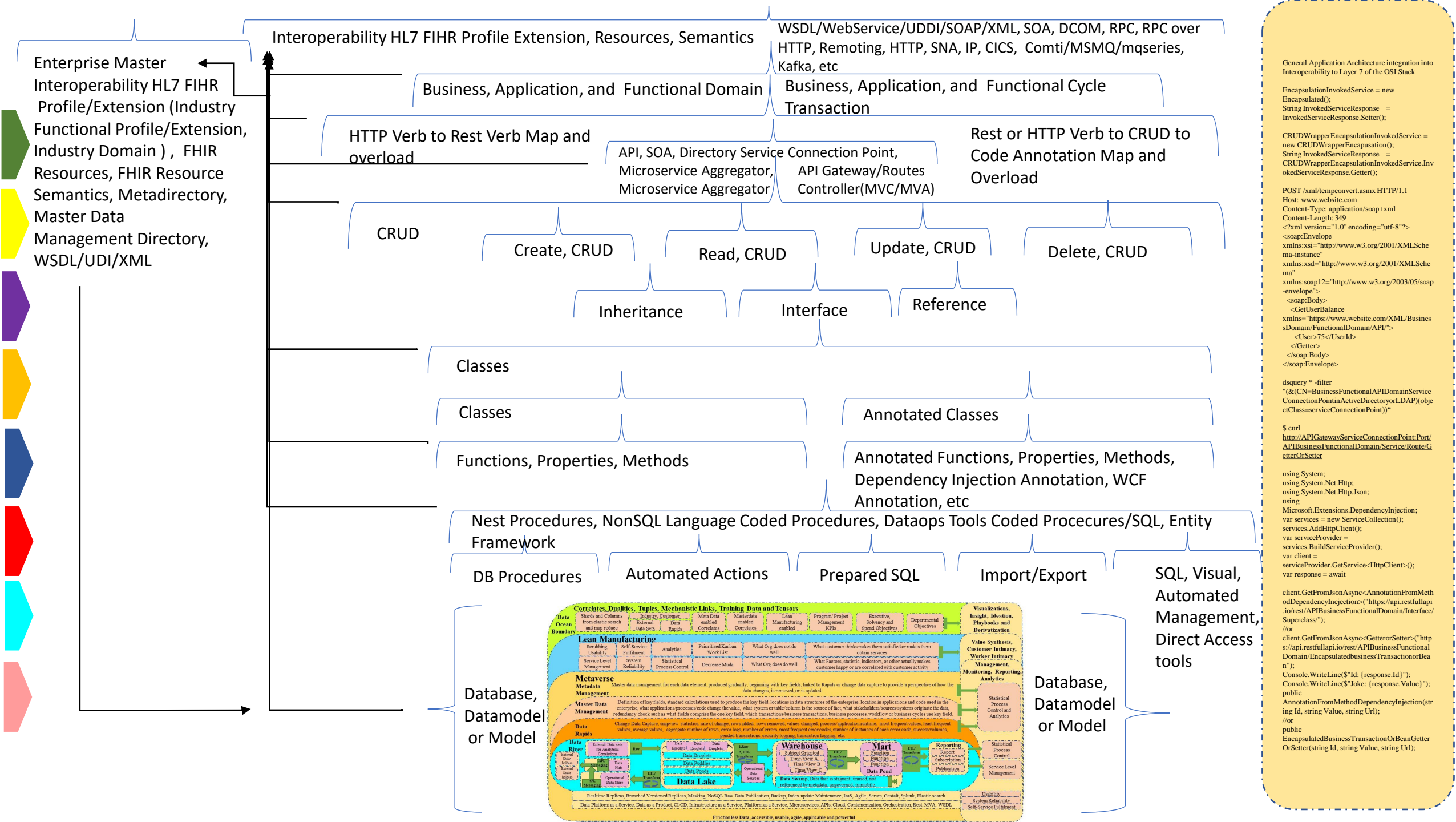
Link subpipes into a Master Devops Pipeline or weave subpipes into existing Master Pipeline Scheduler with Test Methods or Methods invoked to assay Test Criteria

HTTP/REST/CRUD Verb, /DDL/SQL, Table, Column, Shard, Reports, Massively Parallel Data Operations, Enterprise Pipeline Level Elastic Map Reduce and Elastic Search

# Dataops by developers, Engineers, and Data Scientists

Invoke Master Pipeline,  
Builds occur during  
deployment, Echo and log  
Test Method or Test  
Criteria Results, Assay  
accuracy of  
storypoint/codelines/mod  
ules/tables estimates,  
Master/Meta/Interoperabil  
ity Data mapped to API







# Dataops Developer Input

- All Devops Developer Input
- Developer Environment and Tools
- Promote to Live Service Environments
- Organizational Charter and Project Charter
- Critical Success Factors
- General Use Case from JAD Session
- Service Level Metrics for Quality, Service, Scalability and Performance
- Statistical Process Controls for logging, monitoring, transparency, debugging, monitoring self, balancing, and Polynomial/NonPolynomial Time assessment
- Key Performance Indicators
- Estimate of Number of modules, lines of code, number of tables, dbms artifacts and level of reusability from already developed code and infrastructure, along with post development follow up on accuracy of these estimates
- Epic, Story and Task and Story Points
- Testing Criteria, Qualitative, Quantitative
- Master Data, Meta Data, and Interoperability Definition (HL7 FIHR Profile and resource) for each variable, field, calculation a well as labeling of each at declaration, logging as balancing monitoring data for each change to key fields and data elements otherwise
- Kanban list with pointed and estimated epics, stories and tasks
- Map Table Data => DB Procedure => Data Access Method => AnnotationLabel/Rest/Injection/WCF => Method/Class/Property => Class => Module +> Application = CRUD to Annotation Level, Rest Verb overload to CRUD Map => Interface to CRUD Map => API => Encapsulation Layer for conversational business objects, Java Beans, Business transactions, etc

jUnit, nUnit, Emma, .Net Testing framework or simply building in Test Criteria as Methods in Classes or Classes in Namespaces, or functions in methods, or in Main()

Balancing, Monitoring, Logging, KPI, Statistical Process Control, Critical Success Factor, Service Level Requirement integrated into code

Map to and Register Master Data, Table Data and Code variables with Data, HL7 FIHR Profile or Extension or Master HL7 FIHR Aggregate Profile,

Unit test, Update API

Checkin code to git, github, Source Control

Packaged War, Jar, Nuget, SQL, SQT, Configuration Scripts, Files, Yaml, Container, Virtual Machine, Code otherwise, Json, Xml, Etc

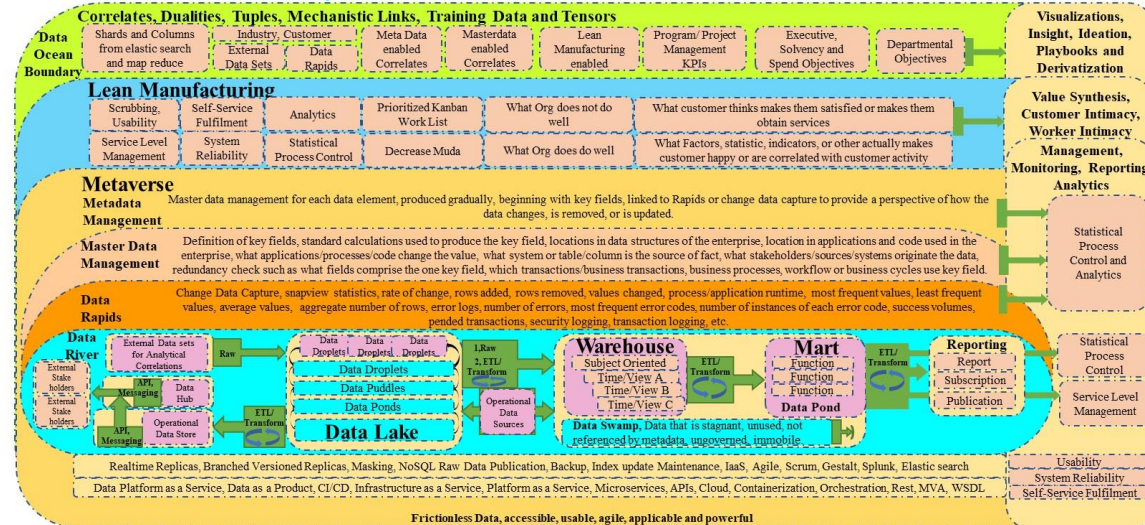
Configure Build or Make, Deployment Orders/Recipes/Schedules as Devops subpipes, using Devops capability or custom pipeline code

Link subpipes into a Master Devops Pipeline or weave subpipes into existing Master Pipeline Scheduler with Test Methods or Methods invoked to assay Test Criteria

Actual Deployment of Applications, Services, Entrypoints, Interfaces, WSDL, URIs, Application Domains, Interoperability Semantics Domains, APIs, Code, Data Artifacts, Containers, Pods, Clusters

Dataops by developer, Data Engineers

Invoke Master Pipeline, Builds occur during deployment, Echo and log Test Method or Test Criteria Results, Assay accuracy of storypoint/codelines/modules/tables estimates, Master/Meta/Interoperability Data mapped to API



Already Packed, Bundled,  
Programmed and Automated Tools,  
Code, Technologies, Scripts  
Logging APIs, Monitoring APIs,  
Metrics, Infrastructure, Data  
Definition Language, Procedures,  
Archival Routines, Analytics,  
Visualizations, Insight, ideation and  
derivatization Processes

Customization,  
other capabilities,  
new requirements,  
improvements,

Inline Provision  
Massively  
Parallel,  
Asynchronous,  
Multiengine,  
Elastic Map  
Reduce  
Enablement  
Infrastructure

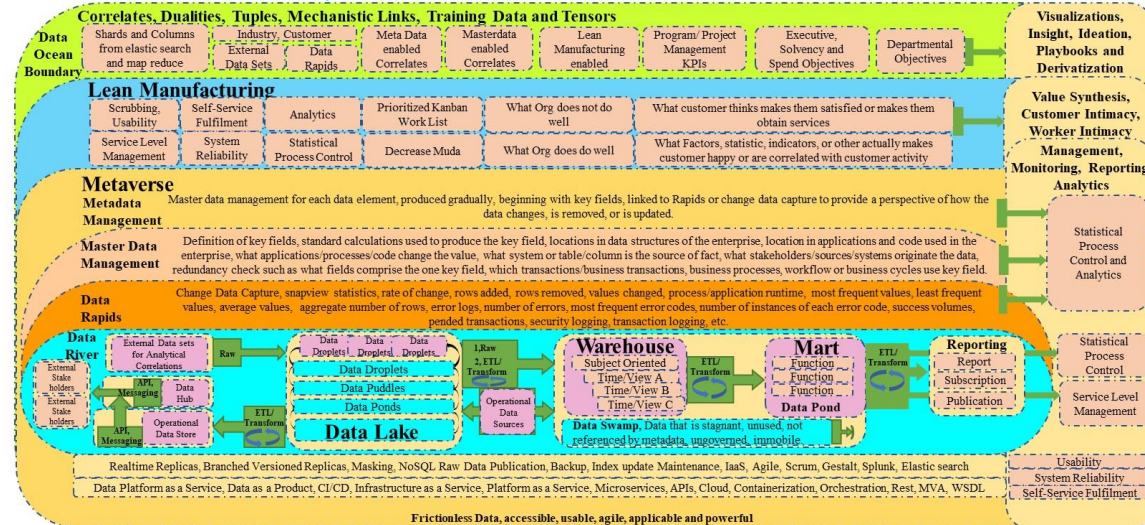
Update, Manage, Improved, Monitor  
and Respond, Automation,  
Enterprise Machine Learning  
Response Systems Reliability  
Engineering, Performance of  
Operational Processing,  
Maintenance, Batch = Pipeline,  
Online Transactions Processing =  
request level pipe

Inline decommissioning of Massively  
Parallel, Asynchronous, Multiengine,  
Elastic Map Reduce Enablement  
Infrastructure

Solution Outsourcing  
Platform as a Service  
Software as a Service  
Data Platform as a Service  
Dataops CI/CD  
Devops CI/CD  
Systems Reliability Engineering  
Infrastructure as a Service

Pipeline Operations for  
automated, on demand  
and SRE Enabled  
Enterprise Ops

Cloud  
Hybrid/Private/Public,  
Microservices, API,  
Interoperability,  
ASP/DSP/Hosting,  
Elastic Search/Map  
Reduce, Big Data





Loadbalanced Nonconversational Remote Procedure Calls, Conversational Interactions only with Sticky Sessions. Dual homed networks with static routes and multipath I/O for servers using 1 network Interface for client and 1 network interface for other services. Isolated links between all Database Servers and Storage Array (Direct Crossover Cable Linkage, Physical Switch/Hub, Cloud Virtual Switch Hub) and separate Fibre/ISCSI/Network Interface between DB Server and Storage Array. Network and Fibre Interface set to Full Duplex, highest throughput bandwidth, maximized buffers, TCP/IP window Scaling enabled RFC7323, Application and OS TCP/IP buffer maximum and windows size, Jumbo MTU Size on all internal Routers/Switches/Bridges, Local Full Directory Replica and Site in each Security Zone/DMZ and all APIs access databases using connection pooling and upgraded version that use Kerberos instead of NTLM. Database Procedure, SQL and Programming Code using Try/Catch/finally code blocks as well as Begin/Commit/Rollback transactions with @@trancount. DB procedures using withrecompile and Native Recompile. Running nonintrusive update statistics several times each day and before or after batch processing windows or massive update/insert/deletes.

Operational Readiness Laboratory Systemic Testing to produce indicators of diminished quality and performance using critical success factors, service level criteria, statistical process control criteria, program objectives, KPIs while determining scale up and scale out modalities, utilization/volume of service at which each incipient and each scalability unit must be increased, using transaction cost analyses

Determine thresholds of systems monitors causally indicative of deteriorating quality or performance outside of service levels such as number of sessions, simultaneous requests per second, disk response time, disk queue length, cpu queue length, network card queue length, tcp errors a second or retransmits per second, response time from an app or to an app, ping response time, context switches a second, network utilization near or over 30%, Dataase connect limit or connections, DB spid request time or blocking and locking, also determining graphs of how scaleup or scale out as well as performance tuning affects linear/disleaser capacity graphs or sigmoids

Deploy Agents, Monitors, event aggregation, and automated actions/rules/tensors for scale up/out, down/in, notification, resolution, etc

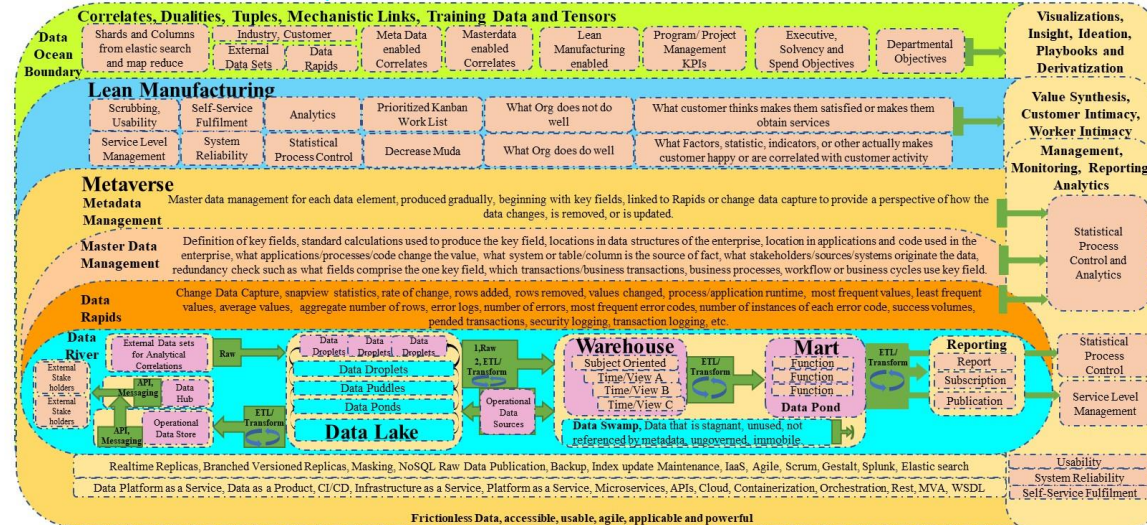
Perform automation pipeline to resolve, replace, scale, or enhance platform capacity, performance or function responsively to events or on demand

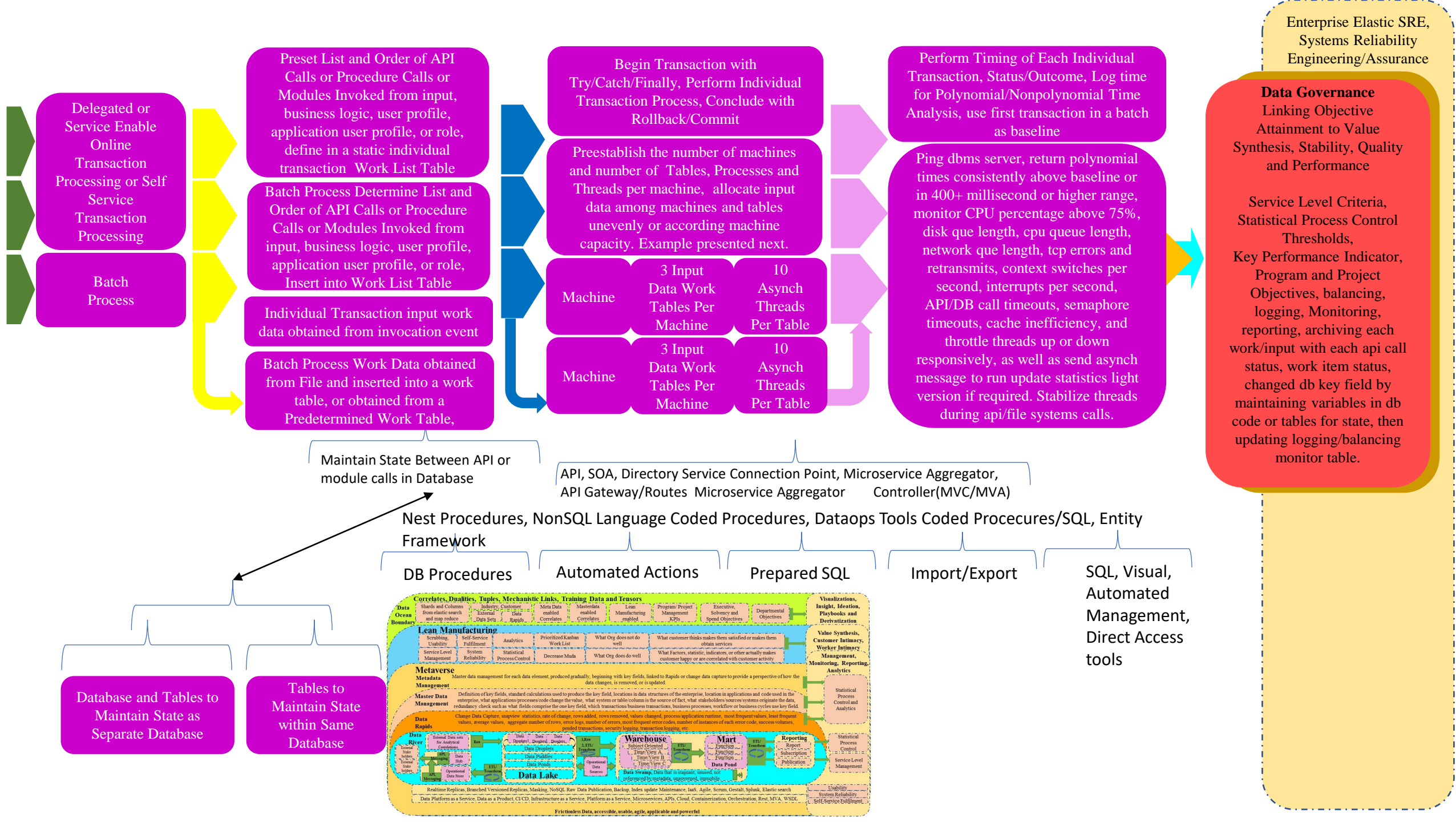
Recommission and reprovision images, machines, application service points, applications, software, containers, and other components responsively to events or upon demand

Enterprise Elastic SRE, Systems Reliability Engineering/Assurance

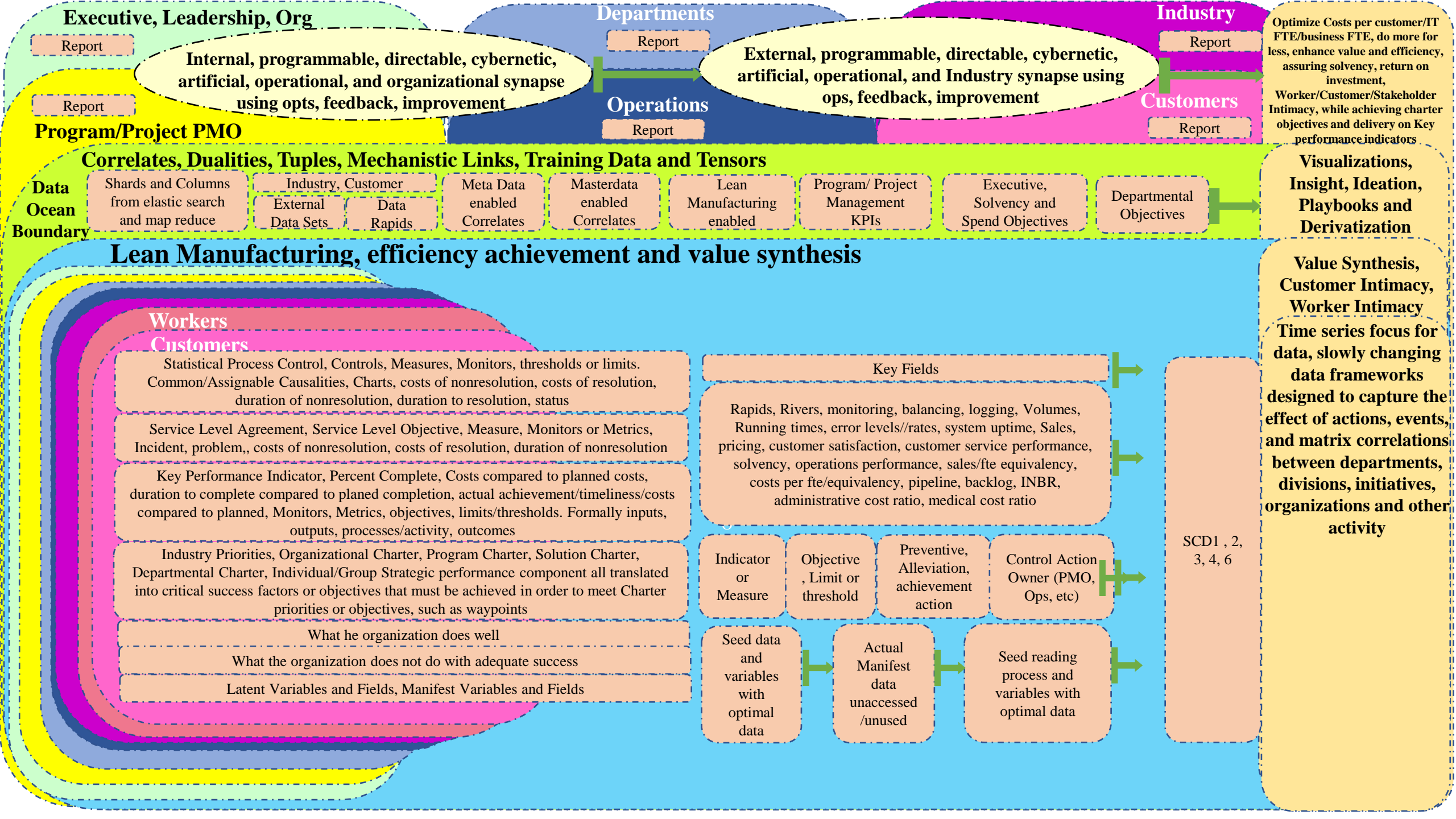
**Data Governance**  
Linking Objective Attainment to Value Synthesis, Stability, Quality and Performance

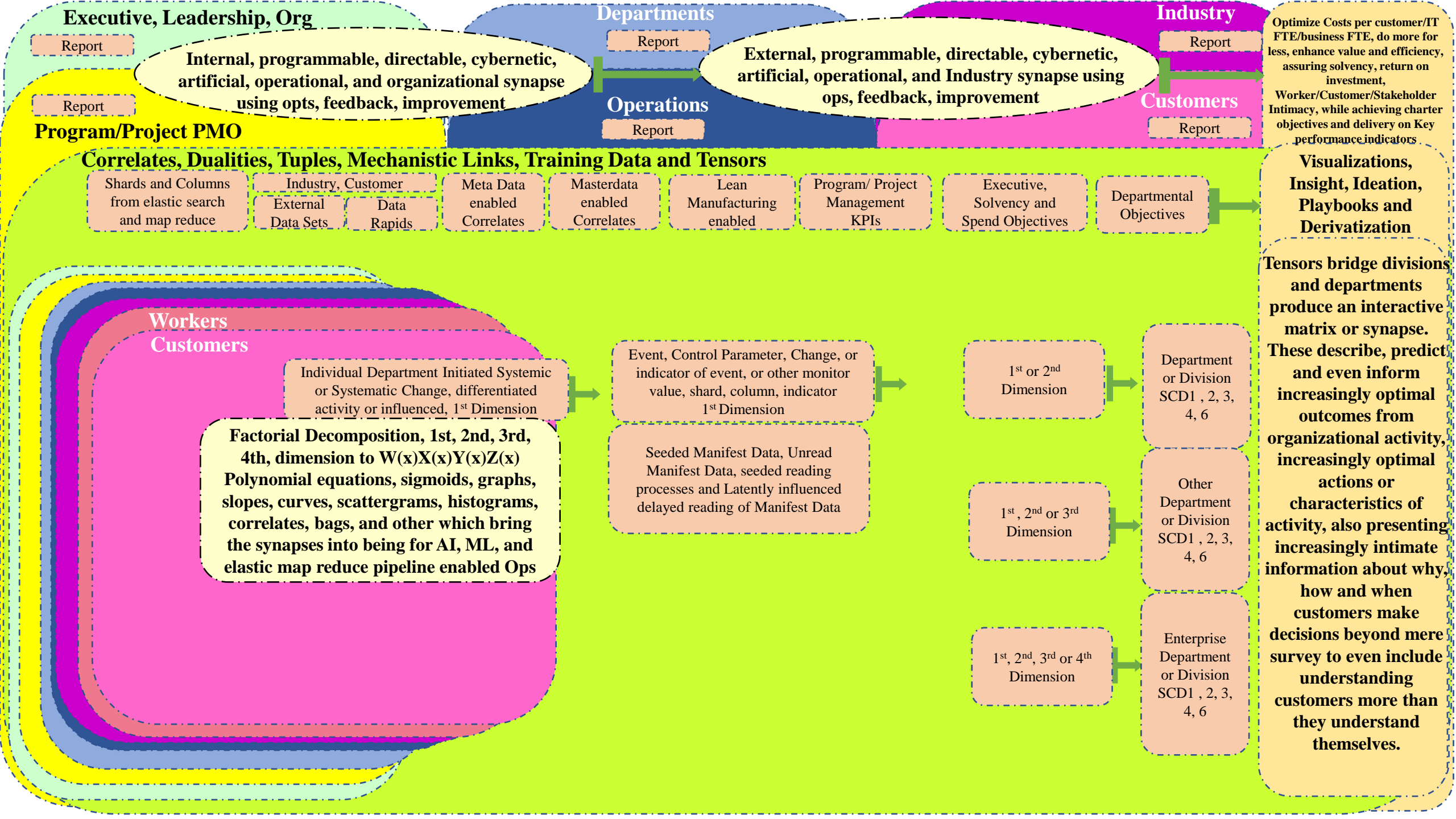
Service Level Criteria, Statistical Process Control Thresholds, Key Perfomance Indicator, Program and Project Objectives,











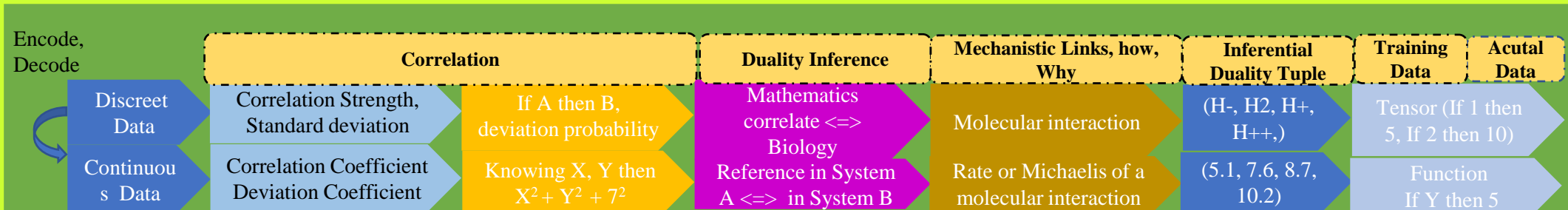


Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

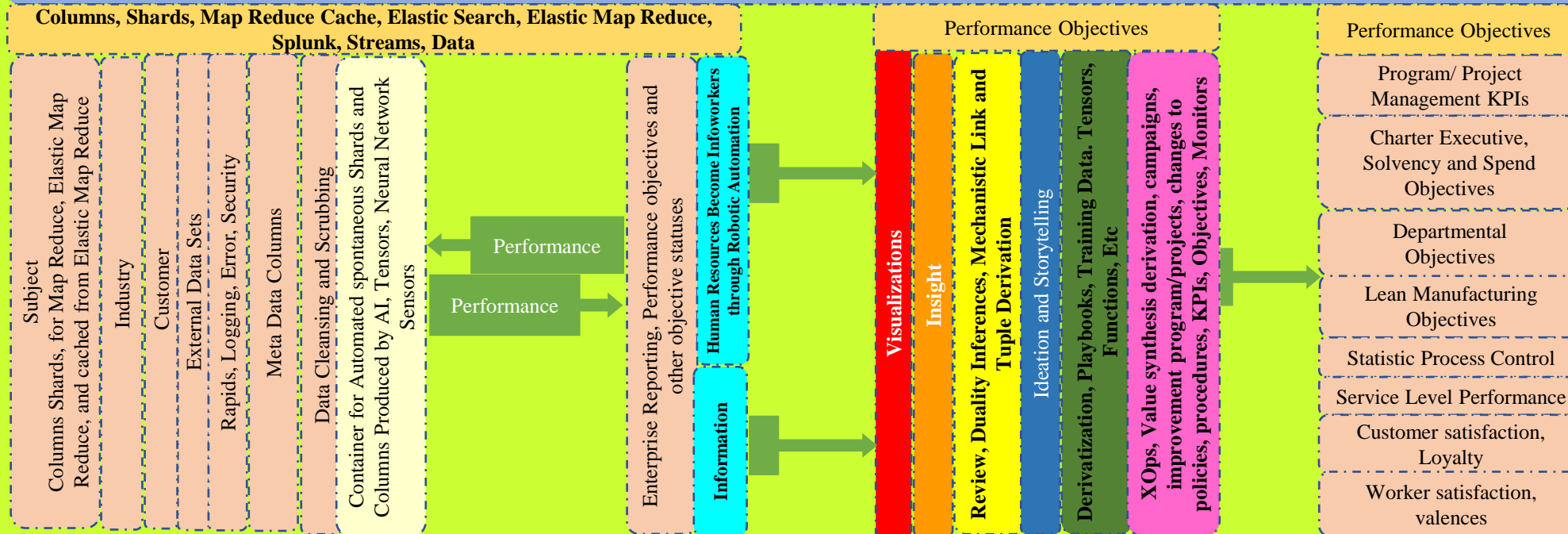
External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

## Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors



## Efficient Analytics



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Optimize Costs per customer/IT  
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Intimacy, while achieving charter  
objectives and delivery on Key  
performance indicators

## Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Training Data, Tensors, Matrix, Rules,  
Procedures, Limitless Dimensional  
Tensors, Multi factorial Tensors, Arrays,  
Playbooks, To Do Lists, Algorithms,  
Routines

Functions  
If A then 1, If B Then 2

Complex Functions  
If A then 1, If B Then 2,  
Green then Gold, If Blue  
then Yellow

Complex Functions  
If A, B then  $A^2 + B^2 + 72$ .  
If C, then Tensor C (If C then 10).  
Array (if 1, then 10).  
If E then  $A^2 + C^2 + 72 * \text{Absolute Value of L or Limit}$

Derivative. The places at which a linear  
graph of the slope of tensor, function, or  
array touch the nonlinear actual graph.  
Secrets. Conclusions. Expected  
Outcomes Map.

Container for Automated spontaneous  
Shards and Columns Produced by AI,  
Tensors, Neural Network Sensors

Tensor, Array,  
Matrix, Dimension

AI  
Multiple Correlations Algorithms, Tensors,  
Matrixes or Arrays. Choose best fit during  
unsupervised learning or reinforcement  
learning during operations

AI  
Calculate variance from observed and  
predicted/inferred values, using original and newly  
dynamically integrated training/  
reinforcement/unsupervised Learning Data

AI  
New Row or Dimension in Correlations Array,  
New Column in Correlations array, use existing  
Algorithms/Tensors inferences and Predictions,  
periodically recalculate in parallel in substitute in  
new one during operational processing

AI  
New Sensor, Synthesis of new Sensor, and  
automated synthesis of new Shard/Column in  
Enterprise Analytics Infrastructure

AI  
Determine variance thresholds beyond which a new  
observation or value must generate a new tensor,  
array, matrix, dimension, Shard or column



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**Derivative. The places at which a linear graph of the slope of tensor, function, or array touch the nonlinear actual graph. Secrets. Conclusions. Expected Outcomes Map. Expected outcomes from Playbooks and Plays**

Container for Automated spontaneous Shards and Columns Produced by AI, Tensors, Neural Network Sensors

Tensor, Array, Matrix, Dimension

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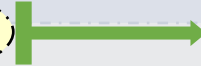
AI  
New Sensor, Synthesis of new Sensor, and automated synthesis of new Shard/Column in Enterprise Analytics Infrastructure

AI  
Determine variance thresholds beyond which a new observation or value must generate a new tensor, array, matrix, dimension, Shard or column

**Internal, Organizational Programmable Synapse**

**External, Industry and Civilization Level Programmable Synapse**

**Internal, programmable, directable, cybernetic,  
artificial, operational, and organizational synapse  
using opts, feedback, improvement**



**External, programmable, directable, cybernetic,  
artificial, operational, and Industry synapse using  
ops, feedback, improvement**



**Optimize Costs per customer/IT  
FTE/business FTE, do more for  
less, enhance value and efficiency,  
assuring solvency, return on  
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Worker/Customer/Stakeholder  
Intimacy, while achieving charter  
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Derivative. The places at which a linear graph of the slope of tensor, function, or array touch the  
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**Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators**

### Proofs

Monitors. Key Performance Indicators. Expected outcomes. Projected Graphs.

Training Data Run. Algorithm implementation. Statistics. Performance. Graphs.

Percentage correlation with expected.  
Qualitative threshold satisfaction.

Quantitative to Qualitative and Qualitative to Quantitative translation of regulations, thresholds, and compliancy indicators

### Functional Proofs

- ✓ 100 percent conformation of hypothesis(NP Suppositions or answers)
  - ✓ Correlation 0.3 to 1 or – 0.3 to –1 correlation by comparing the graph of predictive function over range of inputs compared to actual outcome over the same range of input. Essentially, comparing actual variables and outcomes to input of these same variables into the productive model(derivative or function of the model) (Predicts or Describes Consumer or customer behavior)(Predicts or describes survey indication of value)
  - ✓ Derive or imposed correlation threshold required for acceptance(performance margin, profit margin, return on investment margin, NPV, etc)
- ✓ Derived or imposed correlation, comparative with other derivatives for the same problem, algorithm, program or program portfolio
  - ✓ Savings
  - ✓ FTE offset
- ✓ Regulatory Compliance Threshold Satisfaction

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**Proof Threshold Satisfaction Improvement**

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- ✓ Derived or imposed correlation, comparative with other derivatives for the same problem, algorithm, program or program portfolio
  - ✓ Savings
  - ✓ FTE offset

Change Derivatization or Predictive Model, Add other Derivatization or Predictive Model

Use Actual Data for Unsupervised Learning to Improve the existing Predictive Model or Derivative

NP reduction by using actual data as the answers and retrofit the Predictive Model or Derivative

Add in correlates shards or columns to increase dimensions used in the Predictive Model or Derive

Establish the most effective globally exhibited shards, columns, algorithms, answers and deerivates, use these for NP to P reduction of EXP problems.

Automated scanning of problems, input data sets, actuals, shards and columns to existing alrgorithms, answers, derivatives

Implement Spooky Ops by linking actual data to contrived artificial data sets which predict more accurately, completely or beneficially satisfaction of thresholds. Shards, Columns, and Data Sets artficially to optimal outcomes or derivatives. Link actual outcomes to shards, columns, data sets and variable input that correlates to satisfaction of acceptance thresholds.

Establish causal mechanistics links as method of reducing a problem from NP to P, followed by establishment of dualities and tuples that are hingeoints enable inference of one system, context, algorithm or problem into another

Separate the algorithm, input data set, into segments, groups or periodization groups, enabling more rapid and efficient analysis, datasets, and focused derivatives or predictive models

Attach and register meta data indicating data source, subjects, columns and shards

**Usability and value translation**

Synthesize Stories that explain relationships, mechanistic links, inferences, subjects, proof performance, changes that enhanced proof performance, performance levels, and scoring by users as feedback using Meta Information

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### Proof Threshold Satisfaction Improvement

Stories about consumer value

Stories about consumer behavior

Management and Monitoring Stories

Stories about operational efficiency

Automated stories resultant of scanning for relations, correlations in algorithms, routines, actuals data, shards, columns and stories

Stories about stability and statistical process control

Stories about service levels

Stories Solvency, revenue, and quality performance

Stories linking external data and events to changes in other stories

Stories about ROI, Investment Performance, Value of IT

Stories about super algorithms, correlates, mechanistic links and indicators, broadly applicable as inferential dualities and tuples to reduce EXP and NP to P

Attach and register meta data

Charter objective, Leadership, Department, Program Objectives and KPI monitoring and notification processes for actual and projected performance

Reviewed, Proof Verified Automated Monitoring, thresholds, response and linked statistical process control as well as linked service level agreements

Reviewed and Approved and proof verified groups of stories or epics describing customers, business, operations, mechanistic links, processes, as well as expected outcomes

Reviewed, Approved and Proof Verified metaverse groups of stories defining correlations, mechanistic links, dualities, tuples involving internal data, external data, thresholds, events, responses and probabilities

Unapproved automated and manually produced synaptic synthesis of external data, internal data, correlations, mechanistic links, dualities, shards, columns, monitoring data, statistical process control, service levels, events, and other factors

Unapproved monitoring process linking unapproved, approved, manual and automation generated processes, data and events, along with notification for thresholds above acceptance and for high priority threshold satisfaction.

Internal and External Universe level search for answers, correlations, algorithms for below threshold, uncorrelated or analyzed subjects, shards, columns, as well as incomplete stories

### Usability and value translation

Quality Circle Priorities and Artifacts

Chatbots

Focused Advisements

Subject oriented subscription fulfillment

Opportunity Advisements

Risk Advisements

Algorithm, Bot, Automated Process variance outside of thresholds

Popup notifications by word, phrase, artifact, date, role, service or application

Error status, risk status, Notification, flag or visual indicator



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## Self Service Infrastructure Deployment, Analytics, Process Configuration, Derivitization and Proof Performance, Mundane Process Bot Automation

- ✓ Containerized Sandboxes
  - ✓ Shards, Columns automated inclusion
- ✓ Shards, Columns, answers input by user subject for automation
  - ✓ Edge or exception case input and sensing
- ✓ Sandbox shadowing of production data and performance reporting
  - ✓ Marts
- ✓ Customizable addition or removal of shards, columns, data sets
  - ✓ Super component testing
- ✓ Addition of modified infrastructure to unapproved automatic synaptic processes
- ✓ Automated notification once randomized or subject and answer oriented analytics satisfies thresholds
  - ✓ Automated custom meta tagging and registration
    - ✓ Promotion to Warehouse and Datamart
    - ✓ Production of Operational Data Store
- ✓ Automated exposure of end points and service access points
- ✓ Custom and Automated Story Generation upon promotion from sandbox

Reporting of realized or unrealized opportunities and value

Prospective Investment Value Calculation

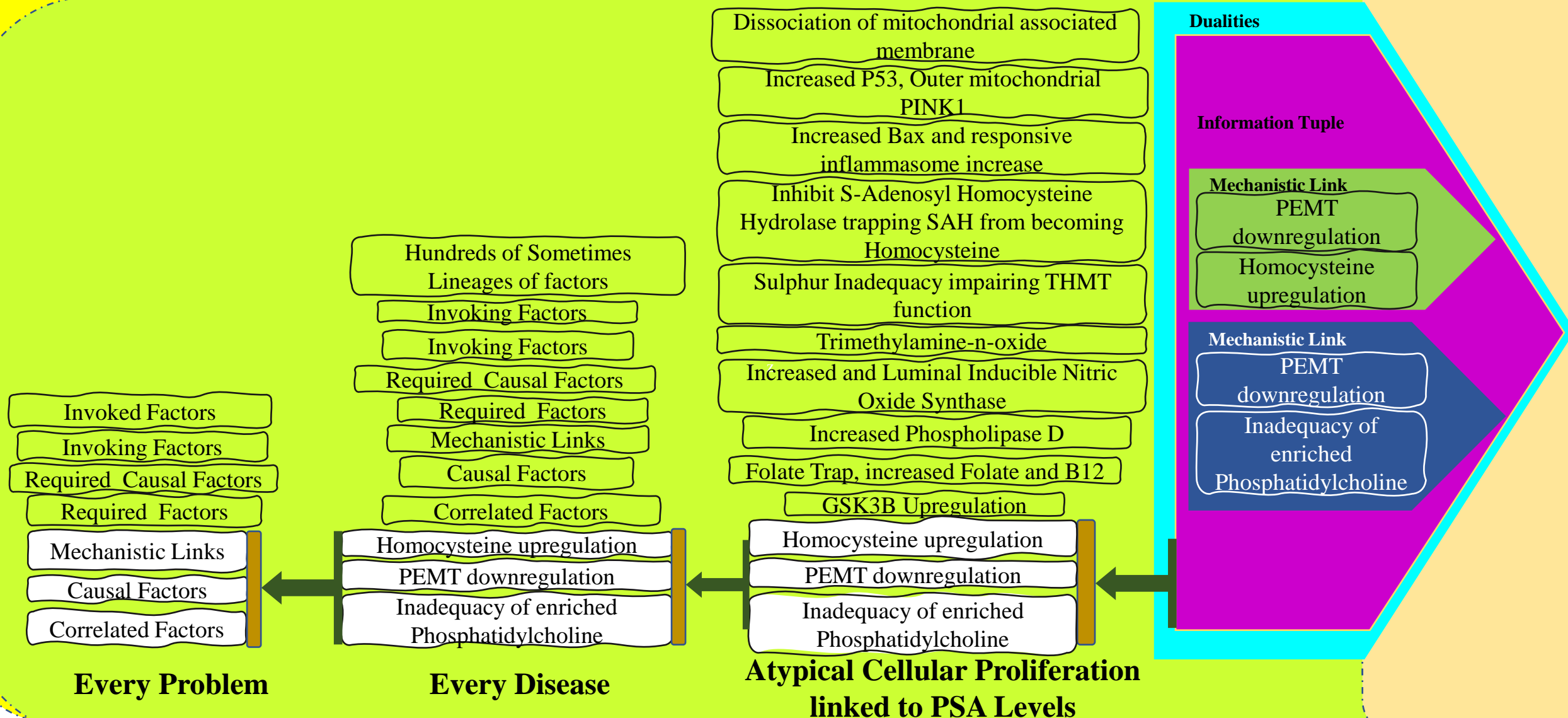
Actual Investment Value Calculation

Utilization Statistics

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## Atypical Cellular Proliferation linked to PSA Levels

## Every Disease

## Every Problem

Homocysteine upregulation

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

EXP

NP

P

EXP

NP

P

EXP

NP

P

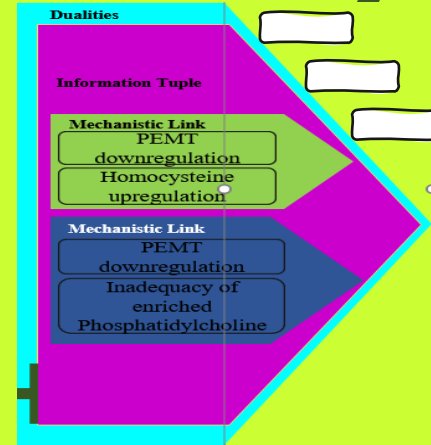
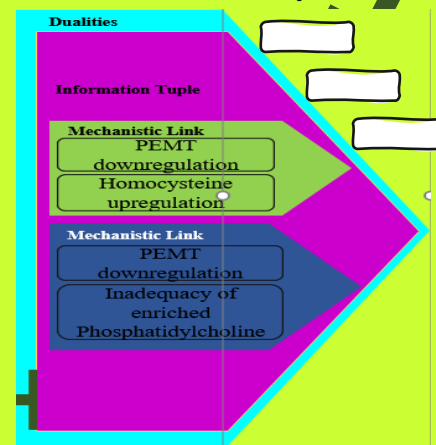
Homologues

Homologues

Inference

Inference

## Inferential Duality



Tuple = Variables or Constants used as Bolt On Points for Inferences to other problem

Homocysteine upregulation

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Very difficult, large or unresolvable problems become resolved but axioms, tips, tricks, correlates, mechanistic links, homologues or other correlations are produced during proofs because very difficult problems are often fairly simple or uncomplicated to verify.

The resultant heuristic has relevant droplets, columns, shards or variables which perform as bolt on points within a system into which the heuristic will be inferred. The droplets together comprise a tuple.

A mechanistic link is a causal relationship.

A duality is an established relationship between a tuple and an a problem into which a tuple is to be inferred.

The objective is to solve a problem any way possible often by using efficient cheat processes. The NP reduction of an EXP problem produces correlations, relationships, mechanistic links, all as an information tuple.

Bolting these derivatives or tuples onto other problems using similar characteristics as dualities, enables EXP to NP reduction.

NP complete is essential fast, or P. Pervasively solved problems are diverse characteristics and patterns.



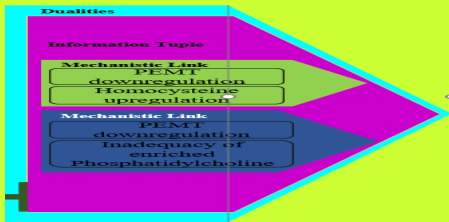
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## Bolt On Inferential Points, Finding Dualities

### Inferential Duality



### Bolt On Inferential Points

Homocysteine upregulation

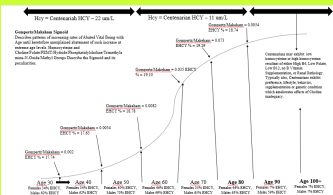
PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

### Inferential Dualities

- Atypical Cellular Proliferation linked to PSA Levels
- Every Disease
- Every Problem

### Derivative



NP

Mechanistic Links

Shards

Column

Derivatives and Graphs

Correlates

P

Mechanistic Links, Shards, Columns, or Correlates involve homocysteine, PEMT, enriched phosphatidylcholine, factors causing these or factors resultant of these? Are graphs or derivative output(actuals, training data or unsupervised learning) positively or inversely correlated. Does the problem or subject include PSA levels, any disease or any NP problem? Does imputing any of these as answers result in an NP to P reduction? Etc.

Inferential points and data can be utilized to infer the correlates, graphs, derivatives, mechanistic links of one problem or solution into another problem or solution, rapidly reducing the problem from NP to P but also causing emergence of numerous mechanistic links, correlations, derivatives and answers.

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## 1298200A Registered Inferential Duality, Tuple, Correlation and Mechanistic Link

### Inferential Duality

#### Dualities

#### Information Tuple

#### Mechanistic Link

PEMT  
downregulation  
Homocysteine  
upregulation

#### Mechanistic Link

PEMT  
downregulation  
Inadequacy of  
enriched  
Phosphatidylcholine

### Inferential Dualities

- Atypical Cellular Proliferation linked to PSA Levels
- Every Disease
- Every Problem

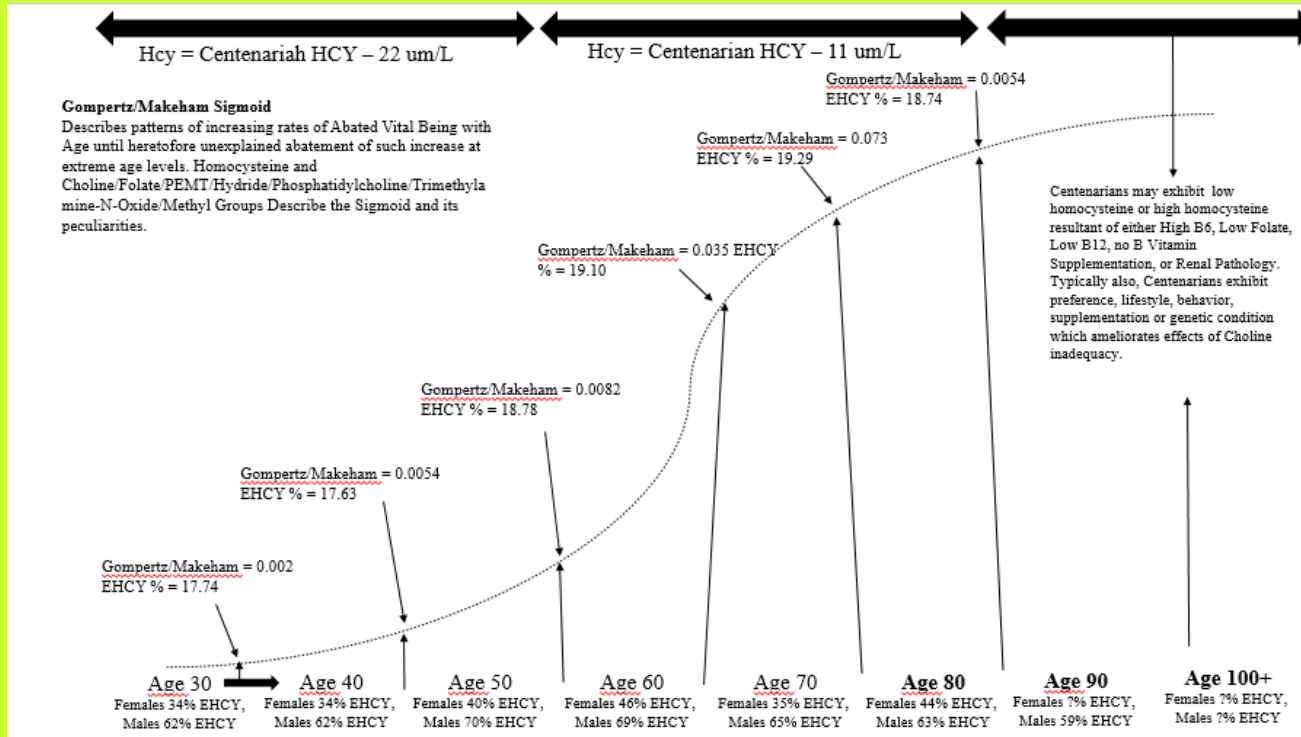
### Bolt On Inferential Points

Homocysteine upregulation

PEMT downregulation

Inadequacy of enriched  
Phosphatidylcholine

### Derivative



### Story

The Register Inferential, Duality, Tuple with Mechanistic Link 1298200A exhibits homocysteine, the enzyme PEMT and enriched phosphatidylcholine. Mechanistic links exist as PEMT downregulation causing upregulation of homocysteine and PEMT downregulation causing inadequacy of enriched version of phosphatidylcholine. Information tuples exist as these mechanistic links. Dualities exist as the ability to infer PEMT status, homocysteine levels and phosphatidylcholine status, as these exist in mechanistic links, between atypical cellular proliferation linked to PSA levels, every disease, and the set of all incomplete and complete NP problems. The expression of these relationships as a derivative presents the gompertz sigmoid and makeham sigmoid graphs describing used by pervasive organizations affected by detrimental human outcomes including vital being compared to homocysteine typically exhibited by age. Homocysteine describes both typical and peculiar nuances of the gompertz sigmoid and makeham sigmoid, with nearly 95 to 98 percent or more positive correlation. Managing homocysteine, PEMT and Enriched Phosphatidylcholine beneficially to Human outcomes has the potential to change or abrogate the health status, span of being and behavioral outcomes in the developed world.

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### Story

The Registered Inferential, Duality, Tuple with Mechanistic Link 1298200A exhibits that inhibition of PEMT, increased levels of homocysteine and impaired synthesis of enriched phosphatidylcholine causes cellular entities to perform in an inflammation mode, acting increasingly individual cellular entities instead of participants in tissues, organs or systems. This causes susceptibility to massive apoptosis that deteriorates neurological tissues required for rewards systems function, conditioning, recall, condition blocking, conscious capacitant fields able to withstand external influence, memory, associations, all in a way that causes circulatory pathways to become changed in a way that enhances the brain stem and amygdala ability to transmit signals in response to primitive cues that enable finding of sources of nutrients, choline and methyl groups. These enhance susceptibility to disease, detrimental behavior, addiction and compulsion because the brain is able to make less than conscious associations to factors exhibiting methyl groups and choline as well as those exhibited factors that cause the brain to conclude that essential pathways are obtaining sustenance, which in the context explained here causes complete physiology to become trained or conditioned toward crisis mode allocation of physiological systems along deregulated genomic management and social function.

## 1298200A Story Board

A

Star Proteins perform shielded transfer of Cholesterol from membranes to Mitochondria

Cytochrome P450 scc performs translation of cholesterol into the original steroidogenesis enabler and choline kinase alpha upregulator Pregnenolone

Pregnenolone translated into glucocorticosteroids, hydroxysteroids, androgens, estrogens, estrol, estriol, estradiol and estrone

Glucocorticosteroids with perfect 13 sequence estrogen response element activate estrogen response element estriol, estradiol and estrone

B

Mitochondrial PEMT2 (beginning near conclusion and after gestation) and Endoplasmic Reticulum PEMT1 (before conception) use newly synthesized unglycosylated/slightly glycosylated phosphatidylethanolamine's three open locations (connected to Nitrogen) to sequentially attach 3 molecules of CH3 or methyl groups

AP1 inhibits PEMT catalysis and AP1 is upregulated by Estrogen Receptor Alpha from within the Estrogen Response Element while AP1 is downregulated by Estrogen Receptor Alpha

Phosphatidylethanolamine Methyltransferase 1, 2 and 3 are transactivated from within the Estrogen Response Element

Estrogen receptor alpha and Estrogen receptor beta activated evenly by estradiol, unevenly by estrone, while Estrogen Receptor Alpha is downregulated by Estrogen Receptor Beta

Phosphatidylserine,  $\text{Ca}^{2+}$  and Phosphatidylethanolamine are shuttle into the Mitochondria from Endoplasmic reticulum through Mitochondrial associated membrane (attached to Endoplasmic reticulum)

Hydride, the energy that fuels stars, is exhibited in a 1 to 2 ratio with Hydrogen or 1 of 3 in Methyl Groups

C

Enriched phosphatidylethanolamine exhibits extended length arachidonate, omega-3 fatty acids, antiinflammatory fatty acids, DHA, ether linked fatty acids for insulation, palmitate first fatty acid in fatty acid beta oxidation, and oleoylate.

Hydride, the energy that fuels stars, is exhibited in a 1 to 2 ratio with Hydrogen or 1 of 3.

PEMT attaches CH3 to produce PMME, then attaches CH3 to PMME to produce PDME, followed by attaching of another CH3 to produce enriched phosphatidylcholine

Phosphatidylethanolamine, PMME, PDME, and Phosphatidylcholine are caustic cleaner with strong antihistamine function which enable serine proteases, trypsin, TPA fibrinolysis, sequestration of biotic factors and separation of abiotic phases from biotic phases enabling embryonic plasticity, anatomical repair/regeneration/generation.

D

PEMT attachment of CH3 with 1 hydride to 2 Hydrogens enables hundreds of mitochondria in each cellular entity to exhibit capacitant fields required for 7.2 to 7.6 background ph required for conscious cognitive function and sustainable vital being.

PEMT inhibition upregulates homocysteine, abates synthesis of Enriched Phosphatidylcholine, increase BAX to cause massive apoptosis that is opposed by choline kinase alpha, CDP choline Pathway, Sphingosine 1 Phosphate, G Protein, GSK3B survival signaling that deteriorates the protection of P53 to begin pervasive disease.



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## 1298200A Opportunities

The Registered Inferential, Duality, Tuple with Mechanistic Link 1298200A presents the opportunity to identify direct and indirect stimulators of PEMT downregulation, homocysteine upregulation and inadequacy of phosphatidylcholine. Along with these causal factors, there may be an opportunity to ascertain the factors, pathways, conditions and outcomes which emerge resultant of homocysteine upregulation, PEMT downregulation, and enriched phosphatidylcholine inadequacy..

### *Bolt On Inferential Points*

Homocysteine upregulation

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Causes of PEMT downregulation, homocysteine upregulation, and inadequate phosphatidylcholine

Pathways, changes, factors or occurrence resultant of PEMT downregulation, homocysteine upregulation, and inadequate phosphatidylcholine

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performance indicators

### Story

Homocysteine upregulation,  
PEMT downregulation, and status  
of enriched phosphatidylcholine  
perform as a lattice that causes  
suggestibility which can be  
commandeered by diverse  
interests in civilization to impute  
or synthesize inclination,  
decisions, priorities and outcomes  
in a way that cause systems,  
organizations and individuals to  
shape human outcomes in ways  
that prioritize external entities and  
inadequately prioritize  
Humans. There is an opportunity  
to direct systems, solutions and  
organizations toward outcomes  
that incrementally and  
comprehensively beneficially  
influence and affect Human  
outcomes

## 1298200A Opportunities

### Bolt On Inferential Points

Homocysteine upregulation

PEMT downregulation

Inadequacy of enriched  
Phosphatidylcholine

Genetics

Exposure to  
advertisement and  
acculturation

Social Status

Wellness  
Status

Nutrition

Presumptions at  
civilization and  
Population level

Bias and  
unacknowledged  
causal factors

Age

Housing  
Status

Behavioral  
status

Environment

**External, programmable, directable, cybernetic,  
artificial, operational, and Industry synapse using  
ops, feedback, improvement**

## Story

# 1298200A Solutions

1298200A Solution  
Wellness, Translated, Level 2  
Expanded.pdf  
Tools, Maps, Matrices, and Care indications.

## Inadequacy of enriched Phosphatidylcholine

[illegible]



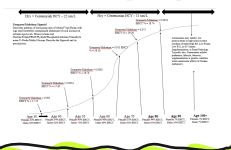
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## 1298200A Opportunities

Graph



Example Derivative Function  
Achieve Objective A in  
correlation to  $f(x) = X^3 - Y^2 + Z$

Civilizations of the Earth

Release of derivatives  
in organized,  
disorganized or less  
than conscious way  
into organizational or  
program operations

Implement Influence to X

Implement Influence to Y

Implement Influence to Z

Foundational Civilization Levels  
Control Parameters

Potentiates  
Activation of  
 $f(x)$  to  
potentiate  
achievement of  
A

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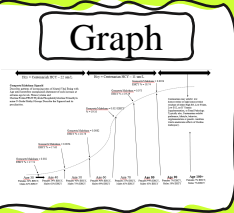
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## 1298200A Opportunities

Example Derivative Function  
Achieve Objective A in  
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Graph



Release of derivatives  
in organized,  
disorganized or less  
than conscious way  
into organizational or  
program operations

Civilizations of the Earth

Ignore, disacknowledge and utilization

PEMT status, Homocysteine status, Choline status, status regarding satisfaction of Human, social, behavioral and physiological requirements while sequestering factors freely obtainable in nature from populations. Reprogramming of human genetics, physiology, metabolism, cognition and behavior to sustain outcomes that sustain status quo, including detrimental Human outcomes

	Categorization variable	
	As much as 90 Million dollars in economic benefit from each imposition	Averted Instances of accidents, mishaps and detrimental physiological outcomes and behavioral outcomes each year
Actual Observed Decrease 1972 to 1976	20,000.00	11,665,138.37
Trend exhibited in graph from 1972 to year 8	100,000.00	5,832,569,187.00
Trend Exhibited in graph from 1972 to about year 12, 13, 14, 15 or 16	1,000,000.00	583,256,918.70

Graph Correlate

Affect of Abated Being used as a Sanction

Quota  
obtainment,  
objective  
obtainment,  
revenue  
objective  
obtainment,  
and massive  
detrimental  
human  
outcomes,  
particularly  
when these are  
linked to or  
allow benefit to  
be obtained  
from  
detrimental  
human  
outcomes

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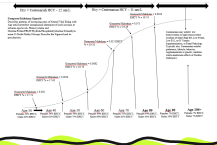
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## 1298200A Opportunities

Example Derivative Function  
Achieve Objective A in  
correlation to  $f(x) = X^3 - Y^2 + Z$

Graph



Release of derivatives  
in organized,  
disorganized or less  
than conscious way  
into organizational or  
program operations

Civilizations of the Earth

Acknowledge, Prioritize, Managed, Mitigate

PEMT status, Homocysteine status, Choline status, status regarding satisfaction of Human, social, behavioral and physiological requirements while sequestering factors freely obtainable in nature from populations. Reprogramming of human genetics, physiology, metabolism, cognition and behavior to sustain outcomes that sustain status quo, including detrimental Human outcomes

	Categorization variable	
	Acknowledge, Prioritize, Manage, Mitigate, Amend, Repeal, Sunset	Averted Instances of accidents, mishaps and detrimental physiological outcomes and behavioral outcomes each year
Actual Observed Decrease 1972 to 1976	20,000.00	11,665,138.37
Trend exhibited in graph from 1972 to year 8	100,000.00	5,832,569,187.00
Trend Exhibited in graph from 1972 to about year 12, 13, 14, 15 or 16	1,000,000.00	583,256,918.70

Graph Correlate

Affect of Abated Being used as a Sanction

Massive increase in stability, optimal human outcomes, and span of being, as well as potential for productivity



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## 1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels  
Control Parameters

Allowed Choline Deficiency

Allowed Inhibition of PEMT

Elevated Homocysteine

iNOS and Phospholipase D  
from unshielded Electricity,  
Wireless Communications,  
environmental Particulate

Implementation of abated  
being as a sanction

Unassured human, social,  
behavioral and physiological  
requirements

Sequestration and  
monetization of nature and  
water

90 percent or more of  
decisions produced less than  
consciously by systemic  
interactions

90 percent or more of  
decisions produced less than  
consciously by systemic  
interactions

Massive Consumerism

Foundational  
Parameters are an  
opportunity to  
understand and  
improve Human  
outcomes pervasively

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## 1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels  
Control Parameters

Allowed Choline Deficiency

Allowed Inhibition of PEMT

Elevated Homocysteine

iNOS and Phospholipase D from unshielded Electricity, Wireless Communications, environmental Particulate

Implementation of abated being as a sanction

Unassured human, social, behavioral and physiological requirements

Sequestration and monetization of nature and water

Physiology

Organs, tissues, glands structures

Outside, foundational, basement interstitial, innermost layers facing cavernous areas(epithelial and luminal areas)

iNOS, phospholipase D, other

Electrical, wireless communications, atmospheric particulate, allowed choline deficiency, inhibition of PEMT and Homocysteine have participated in deteriorating species specific barriers to pathogens, microbes, disease and behavior. Electricity, wireless communications, satellite communications and increasingly high powered versions have caused physiological structure to be unable to assure protection from environmental factors, including impairin gestational circumstance, resulting in iNOS expression and phospholipase D expression in the luminal tissues and areas of physiology which physiological structure was intended to protect.

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Elevated Homocysteine

iNOS and phospholipase D  
from unshielded electricity,  
wireless communications,  
environmental particulate

Implementation of abated  
being as a sanction

Unassured human, social,  
behavioral and physiological  
requirements

Sequestration and  
monetization of nature and  
water

Escape of these known factors  
political and social  
prioritization/agenda. Disparities  
begin gestationally and at birth  
with increased risk for disease,  
abated vital being, complications  
hundreds of times higher for these  
populations

Economical  
disadvantaged

Aged

Developing  
populations

Less educated

Gender, other

Ethnic

Foundational  
Parameters are an  
opportunity to  
understand and  
improve Human  
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## 1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels  
Control Parameters

New Facilities

New organizations not alleviating empirical cause of detrimental outcomes

Global, international regional, local organizations not alleviating empirical cause of detrimental outcomes

Allowed Choline Deficiency

Allowed Inhibition of PEMT

Elevated Homocysteine

iNOS and phospholipase D from unshielded electricity, wireless communications, environmental particulate

Implementation of abated being as a sanction

Unassured human, social, behavioral and physiological requirements

Sequestration and monetization of nature and water

Hospital Bed Made is a hospital bed filled.  
Increase in resources and facilities causes increase in outcomes to consume such resources. Roemer's Dynamics

Economical disadvantaged

Aged

Developing populations

Decreasing particularity of scapegoatism

Less educated

Ethnic

Sustained, unhindered economic growth

Gender, other

Sustained and unhindered economic growth, Pandemics, epidemics, massive behavioral change, massive consumerism, dementia, impaired metabolism, oncology, levels of disease, advancement of disease, more obvious ignoring of empirical cause of disease, production of obfuscating complicating contexts to prevent empirical resolution of causalities, etc



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Sustained and unhindered economic growth, Pandemics, epidemics, massive behavioral change, massive consumerism, dementia, impaired metabolism, oncology, levels of disease, advancement of disease, more obvious ignoring of empirical cause of disease, production of obfuscating complicating contexts to prevent empirical resolution of causalities, etc. Humans in civilizations where human, social, behavioral and physiological requirements are not freely provided = influences population toward increased demand. Production begins to stimulate demand even beyond equilibrium. Because PEMT inhibition, Homocysteine, increased electricity influence and increased wireless influence cause iNOS, Phospholipase D, other factors inhibition of PEMT, increases homocysteine, ablates higher cognition integration into stimuli and response, redirects stimuli/response to amygdala, causes inhibition of glycolysis by P53 except in actively utilized muscle tissue to produce a canonical focus on excitatory muscle activity/behavior, deteriorating conditioning, areas of the brain required for social behavior, resistance to environmental influences, rewards system, etc. Shapes, tastes, smells, cues leading to factors in nature that alleviate homocysteine are commandeered for advertising, sales, signs, displays, products, services, etc. These factors cause a physiological multiplicity between migration, behavioral changes or physiological changes.

## 1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels  
Control Parameters

New Facilities

New organizations not alleviating empirical cause of detrimental outcomes

Global, international regional, local organizations not alleviating empirical cause of detrimental outcomes

Increased electricity, wireless communication, satellite communications migratory behavior, behavioral instability, physiological instability

Allowed Choline Deficiency

Allowed Inhibition of PEMT

Elevated Homocysteine

iNOS and phospholipase D from unshielded electricity, wireless communications, environmental particulate

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Aged

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Decreasing particularity of scapegoatism

Less educated

Ethnic

Sustained, unhindered economic growth

Gender, other

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The foundational parameters emerged as modalities of assuring, confirming and sustaining biased outcomes and sustaining objectives, revenue objectives, quotas and other outcomes which require detrimental human outcomes in order to be obtained. These foundational parameters become encompassed by acculturation, obfuscation, obscuring contexts, and other pervasively exhibited mechanisms, association, biases, and omissions in a way that seems to have emerged innocently, ignored when the correlates should have been acknowledged, utilized to continue conformation of bias, and then, in the 2000s, emerged as uncontrollable influences affecting populations other than those whom were easily made dispensable to scapegoatism because of susceptibilities, resulting in detrimental effect that was no longer relegated to scapegoated populations. Most imperatively, after interspersions of diverse groups among one another, wireless, satellite, electricity, particulate/pollution, and inhibition of PEMT along with homocysteine persist disparate outcomes among scapegoated populations because these affect darker featured, older, health condition exhibiting, risk factor exhibiting, less fortunate populations. These are exacerbated by exhibition of massive benefit being obtained from these populations in context in which how and why these factors are affecting them is being withheld.

## 1298200A Opportunities

### Civilizations of the Earth

#### Foundational Civilization Levels Control Parameters

##### 1800s to early 1900s

Massive changes to distribution of human outcomes emerges consistent with Electricity, Wireless communications, pollution. Discovery of dimethylthetin which decreases homocysteine not acknowledged or utilized

Because the affects these unmanaged factors was distributed at increased levels among scapegoated populations, these could be used to produce confirmation of bias and revenue, such that dimethylthetin metabolism pathways but not dimethylthetin was used to produce pervasive drugs in the 1900s

##### Early 1900s

Viral and Microbial conditions begin to emerge and move from other organisms into Human populations. What was principally homocysteine, PEMT as foundations for disease and detrimental behavior.

Populations begin to be affected by pervasive conditions that require, are exacerbated by or are pathogenically hastened or amplified by iNOS and phospholipase D among other factors. Massive changes to behavior and physiology emerge as outcomes associated with risk factors that are correlated to scapegoated populations. These are utilize to confirm bias and prevent social change/improvement.

##### 1900s

Foundational parameters are allowed to increase each year and become nearly perfectly correlated with abated vital being, but allow massive consumerism, demand to increase according to availability of products or services.

Increasing integration of different groups is counteracted by electricity and wireless communications which increased effects darker featured, genetically specific, culturally specific populations. Electricity and wireless become tools to persist biased outcomes and cannot be acknowledged because these are means of persisting bias, confirming bias, achieving quotas, revenue objectives.

##### 2000s

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These present clearly that civilizations have a interest foundationally included in detrimental aspects of the status quo to select the most detrimental manner of resolving human requirements, civilization requirements, and other challenges, because these have, in earlier eras, resulted in massive confirmation of the status quo. These have resultant in inadequate safety assurances regarding the effect of these modalities to human populations and has allowed sustained increases of the cytokines required by pathogens, disease, detrimental behavior, microbes, epidemics and pandemics. Observing how long the capabilities for producing water and energy with virtually no environmentally detrimental effect, presents how long unnecessary detriment to environment and human populations has persisted. The opportunities intended for the newly discovered western hemisphere has always been to elute benefit for humanity more empirically, more purely, more pervasively and most safely from what was the wilderness and what was the incipient knowledge that existing populations of the western hemisphere had already produced in understanding, managing and assuring sustainability of natural resources. The value proposition of products and services now have myriad new dimensions and myriad new possibilities. The costs and affects to human populations of bias, pervasively imposed and acculturated upon humanity and systems, are incalculable in this context.

## 1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels  
Control Parameters

2000s

Production of Water from atmosphere at 500,000 or more liters each day.  
[www.waterfromatmosphere.com](http://www.waterfromatmosphere.com)

Regardless of this remarkable capability that has always been possible and has been feasible for decades, civilizations continuously choose to implement that most invasive, wasteful, expensive, and detrimental ways of managing water resources for populations, particularly because doing so promotes bias confirmation and enables benefit to be obtained from detrimental outcomes.

2000s

Permanent management generation of resourceless, wasteless, nonpolluting and immediately carbon neutral production of 1000s of megawatts of current for only maintenance costs after incipient implementation. Permanent, sustainable energy at size to energy ratios unimaginable even a few years ago, but which was possible hundreds of years ago. Calnetix.com presents permanent, resourceless, wasteless, nonpolluting energy production efficiencies of 13 kW/kg and 43 kW/liter. c

Civilizations have continuously chosen the most risky, most polluting and most detrimental modalities of energy production because these confirm biases, produce massive detriment that can be benefited from and enable production of massive waste, some of which can be utilized to assist in production of massively detrimental artifacts often providing nations that are not able to sustain their own populations with the opportunity to regressive global systems into past eras of potential destabilization and was well potential abrogation of massive aspects of human populations.

These introduce how interactions within systems and processes can occur in a way that prioritizes systems over their incipient purpose, utility, over humanity and over satisfy value in the deep xValue dimension and the deeper yValue dimension.

Political systems and even democracies exhibit the potential for less than majoritarian groups to become scapegoated through social constructs, bias, perception, opinion, electoral and other processes, even when these can cause massively detrimental focused outcomes. These are a major source of potential value for programs, products and services.

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investment,  
Worker/Customer/Stakeholder  
Intimacy, while achieving charter  
objectives and delivery on Key  
performance indicators

## 1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels  
Control Parameters

Value

x Value

y Value

Deep  
Value

Why consumers  
think they make  
decisions.

Why, analytically,  
consumers actually  
make decisions.

Favor intended for  
humanity by the  
Universes including  
quality of being,  
stability, sustenance  
and assured being

More products, more  
services, deeper value (x,y),  
satisfy hidden valences,  
provide enabling solutions  
to achieve what life should  
and could be

Sustained,  
unhindered  
economic growth

The value proposition for products and services has expanded beyond satisfying conscious nuances of human priorities, reaching satisfaction of less than conscious nuances of human priorities and extending toward satisfying foundational nuances of human, social, behavioral and physiological requirements including sustainability, environmental priorities, quality, stability and empowerment of humans. Western civilizations are known to have the most successful products be linked to or represent homologues to physiology and esoteric factors in physiology. Information technology development and other organizations are known to present strong homologues to increasingly esoteric and intricate nuances of physiology and biology. This suggests that organizations have for some time integrated hidden benefits, particularly knowledge and information factors, within products and services. Often, these would be able to disrupt the status quo, such that integrating such knowledge into products and services may have been able to cause advancement in research, development, products and services, particularly during eras when the status quo would not be displaced even when information and data clearly provided an impetus to do so.



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

## 1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels  
Control Parameters

Focusing Events, inaccurate opinion, bias, unempirical understanding, ignoring of empirical causality, focus on proximate factors, omitting of systemic shaping of outcomes

Control or control for these factors to prevent commandeering of program priorities

What has to be there for the Less than optimal outcome to occur

What are Correlates to the outcome

Mechanistic causal Links

Why and what has not been successful influences or programs. Why?

Why and what have been successful influences or programs. Why?

Dualities or similar Systems for inferences

Existing Resources

Success Criteria Derivation

Derivation of monitors, Measures, Objectives, KPIs

Integration of Correlates, Derivatives, Mechanistic Links

Derive Derivatives and Tuples

Produce Dualities to infer Derivatives and tuples, as well as mechanistic links into other systems, programs or the program context

Implementation. Focused Pilot, Focused Group, General

Program component and Directives integrated into implementation by Derivatization potential, Cost, and criteria satisfaction potential

Monitoring of each program component implementation for effect, cost and implementation status

Report on foundational parameters as well

Each success elutes new or more intricate causalities and mechanistic links regarding human and social requirements. Foundational Parameters in this regard can be an opportunity to understand and improve Human outcomes pervasively. Information technology has an increased potential to elute the factors in correlation with the success of organizations, initiatives and capabilities.

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## Opportunities

This analytic process is both encompassed in software and implemented as operational infrastructure. It is designed to engineer why it is that every analytic process has difficulty reaching empirical observation, analysis, and understanding of areas of inadequacy, challenges, or opportunities. Essentially, why it is that every capability in therapeutics or nutrition, as well as wellness have not been able to conclude a role for PEMT function and its linked factors as essential to health and behavior.

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## Systemic, Intraorganizational, Interpopulation and Human Context or Synapse

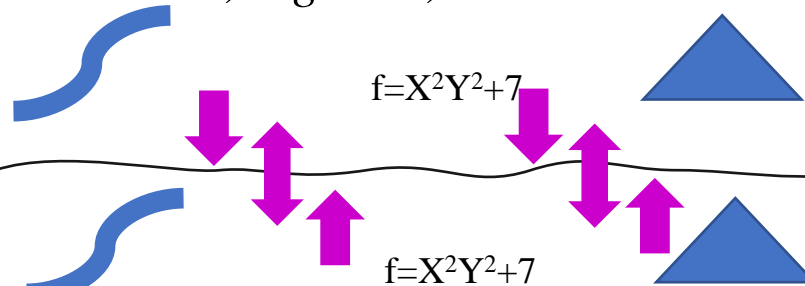
*Systemic, Intraorganizational, Interpopulation and Human Context or Synapse*

### External Synapse

Translation of internal synapse into external *Tensors*,  
*Sigmoid*, *Derivatives*, and *effect*

### Internal Synapse

Organizational, Charter, Departmental,  
Procedural, Rules, Routine Algorithms,  
*Tensors*, *Sigmoid*, and *Derivatives*



Artificial Intelligence,  
Machine Learning,  
Robotic Process  
Engineering and Data  
Science seem to be  
most useful when a  
system interacts with,  
affects and responds to  
its internal, external,  
and other nuances of  
environment.

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Organizational, Charter, Departmental,  
Procedural, Rules, Routine Algorithms,  
*Tensors*, *Sigmoids*, and *Derivatives*

xValue

$$f=X^2Y^2+7$$

yValue

$$f=X^2Y^2+7$$

Deep  
Value

Rapidly delivering quality  
positive valences among  
workers, customers,  
systems and populations  
and enabling others in this  
capacity

X  
Solutions guided by internal  
priorities

y  
Improved Intimacy with conscious and  
other than conscious Human decisions  
toward internal priorities by understanding  
effect of solutions and activities

Deep  
Integration of externalities or indirect  
effects, Population, Behavioral,  
Clinical, Socioeconomic and outcomes  
level Parameters and datasets



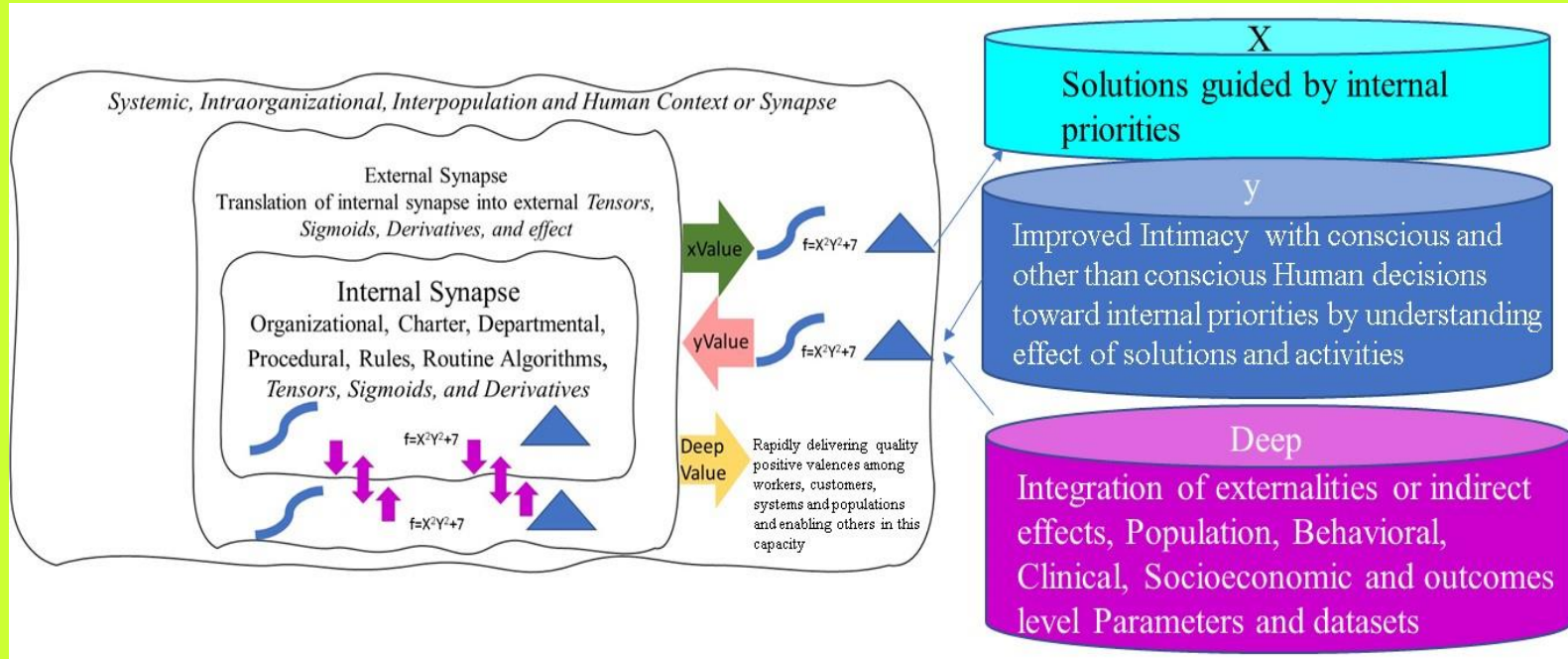
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Human  
Consciousness

Promote to Consciousness



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y, sustain and enhance  
performance and value

deep, consciously deliver value  
that is increasingly consciously  
ascertainable bo workers,  
customers, populations, systems  
and as outcomes

Optimize Costs per customer/IT  
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x, establish Correlates,  
Mechanistic Links,  
Tensors, Dualities,  
Sigmoid, Stories, Patterns

y, sustain and enhance  
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deep, consciously deliver  
value that is increasingly  
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Product

Service

Marketing Strategy

Sales Strategy or Campaign

Marketing Campaign

Packaging or Productization

Feature

Success?

Wildly

Marginally

Inadequately

Why and How

Outperform original Product, Service, Pattern, Strategy, Campaign in x, y, deep valiative pattern

IP

Product or Service

Change

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Inherent Propensity for Any System to prioritize itself over its incipient circumstance, Correlative to Duration

Inherent Propensity for Any System to prioritize itself over its incipient Utility or Purpose, Correlative to Duration

Potential for emergence and persistence of detrimental nuances of the status quo

Inherent Propensity for systemic nuances to prioritize themselves over Humanity

Depotentiated, Managed and Mitigated

Continuous Management, Monitoring, Analysis, Review and Improvement



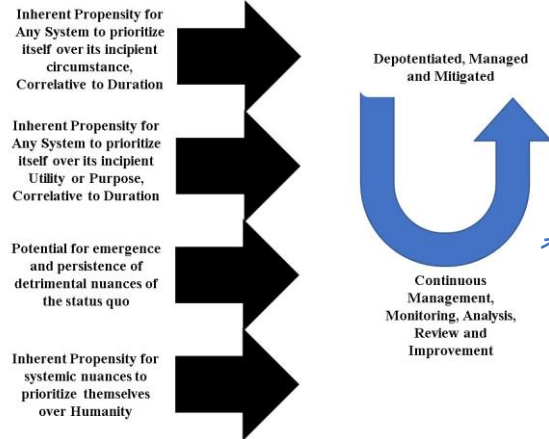
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Strategy

Systemic

Organizational

Operational

Clinical

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Manual and Automated Process

**Diseases, Behavioral health Conditions, detrimental status, toxins, detrimental contexts horizontal**

yValue, Continuous update of story for and understanding of an indicator

xValue, yValue and deepValue Synthesis

Update Relationship of each Disease/etc on horizontal axis with indicators on the Vertical axis. Codified Character.

Update Relationship of each Indicator on Vertical axis with Diseases/etc on horizontal axis. Codified Character

deepValue, continuous ascertainment of indicators, disease, how the impart detriment, and rapid translation of these into research, development, understanding, care and improve outcomes

xValue, Continuous update of story for A disease/toxin/etc

Manual and Automated Process

**Indicators and causal factors used by diseases, toxins, and detrimental Human outcomes to cause detriment, Vertical**

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xValue, yValue and deepValue Synthesis

### Lateral Moraine xValue

**deepValue** interaction with environment, data obtained from the environment, deep permafrost sources of data, analytic tilling, dataops tilling, improved understanding of data, correlates, mechanistic links, dualities, causalities, improvement organizational or glacial prioritiers, as well as improving sustainability of environment, biome, and glacial roles or organizational roles in these contexts.

Analytics and Datops Tilling

### Information and Data Glacier

Melted Tundra xValue Accessible  
by Glacial Tilling and Transport

Permafrost yValue Accessible by  
Glacial Friction and Transport

Concluding Moraine xValue,  
yValue Stationary, Retreating  
and Retilled during Glacial  
expansion or Movement

Analytics and Datops Tilling

### Lateral Moraine xValue

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xValue, yValue and deepValue Synthesis

## Translational Wellness Insight, Ideation, Derivatization, Mechanistic Link and Correlates mapping between indicators and Conditions, Toxic Factors, Circumstances. 130+ indicators and increase. Hundreds of thousands of factors.

### Indicator Relevance Key

```
1 Select [MappedIndicatorsKeyTable].[MappedIndicatorsKeyIdentity]
2      , [MappedIndicatorsKeyTable].[MappedIndicatorsKey]
3      , [MappedIndicatorsKeyTable].[MappedIndicatorsKeyInformation]
4 From [dbo].[MappedIndicatorsKey] As MappedIndicatorsKeyTable With (NoLock)
```

Results	Messages
MappedIndicatorsKeyIdentity	MappedIndicatorsKey
1	1
2	2
3	3
4	4
5	5

MappedIndicatorsKeyIdentity	MappedIndicatorsKey	MappedIndicatorsKeyInformation
1	1	essential, causal
2	2	essential, not causal
3	3	associated, causal
4	4	associated, not causal
5	5	inversely associated

Cumulative, persistently updated understanding of a diagnosis, disease, symptom, chemical, circumstance with each indicator analyzed for that indicators participation

### Indicators Mapped to Conditions, Circumstance and Detrimental Factors

Cumulative, persistently updated understanding of an indicator with each disease analyzed for that indicators participation

```
1 Select [MappedIndicatorsTable].[IndicatorIdentity], [MappedIndicatorsTable].[Indicator], [MappedIndicatorsTable].[Factor]
2      , [MappedIndicatorsTable].[ConditionOrStatus0], [MappedIndicatorsTable].[ConditionOrStatus1]
3      , [MappedIndicatorsTable].[ConditionOrStatus2], [MappedIndicatorsTable].[ConditionOrStatus3]
4      , [MappedIndicatorsTable].[ConditionOrStatus4], [MappedIndicatorsTable].[ConditionOrStatus5]
5      , [MappedIndicatorsTable].[ConditionOrStatus6], [MappedIndicatorsTable].[ConditionOrStatus7]
6      , [MappedIndicatorsTable].[ConditionOrStatus8], [MappedIndicatorsTable].[FactorIndicativeInformation]
7      , [MappedIndicatorsTable].[MappedFactorReferenceText]
8 From [dbo].[MappedIndicatorsTable] As MappedIndicatorsTable With (NoLock)
```

In...	Indicator	Factor	ConditionOrStatus0	ConditionOrStatus1	ConditionOr...	ConditionOr...	ConditionOr...	ConditionOr...	Condition...	Condition...	ConditionOr...	FactorIndicativeInformation	MappedFactorReferenceText
63	3	Condition...	ConditionOrStatusCodeCodeSet	ICD	ICD	ICD	ICD	IARC	IARC	IARC	ICD	ICD	NULL
64	2	0Condition...	0ConditionOrStatusCode	U07.1	B20	87623	87264	Group2B	Group2B	Group2B	B91	G21.9	NULL
65	1	0Condition...	0ConditionOrStatusText	Coronavirus	HIV	HPVLow	HPVHigh	PfoaTeflo...	WirelessEMF	Electricity...	PV(myelitis)	parkinson's...	NULL
3	1	sadenosyl...	sadenosylhomocysteine S-Adenosyl Homo...	1	1	1	1	1	1	1	1	U07.1 SAH inhibits meth...	U07.1 SAH inhibits methyltransferase
4	2	choleinead...	choleineadequacy Choline Deficiency, Nutr...	1	1	1	1	1	1	1	1	87623, 87624, B20, U07...	87623, 87624, B20, U07.1 Inhibition o
5	3	sp1specifi...	sp1specificityprotein1 SP1	1	1	1	1	5	5	5	1	U07.1 G Quadruplexes ar...	U07.1 G Quadruplexes are guanine er
6	4	ap1transc...	ap1transcriptionfactor1/activatorprotein1 ...	1	1	1	1	3	1	1	1	NULL	NULL
3	1	sadenosyl...	sadenosylhomocysteine S-Adenosyl Homo...	1	1	1	1	1	1	1	1	U07.1 SAH inhibits meth...	U07.1 SAH inhibits methyltransferase
4	2	choleinead...	choleineadequacy Choline Deficiency, Nutr...	1	1	1	1	1	1	1	1	87623, 87624, B20, U07...	87623, 87624, B20, U07.1 Inhibition o
5	3	sp1specifi...	sp1specificityprotein1 SP1	1	1	1	1	5	5	5	1	U07.1 G Quadruplexes ar...	U07.1 G Quadruplexes are guanine er
6	4	ap1transc...	ap1transcriptionfactor1/activatorprotein1 ...	1	1	1	1	3	1	1	1	NULL	NULL
10	8	homocyst...	homocysteinehomocysteine Homocysteine H...	1	1	1	1	1	1	1	1	NULL	NULL
11	9	homocyst...	homocysteineacid Homocysteic Acid	1	1	1	1	1	1	1	1	NULL	NULL
37	2	homocyst...	homocysteine Homocysteine. Over a dec...	1	1	1	1	1	1	1	1	NULL	NULL
92	12	uncouple...	uncouplednicotinicoxidasesynthase Uncouple...	1	1	1	1	1	1	1	1	NULL	NULL
93	13	uncouple...	uncouplednicotinicoxidasesynthaseA Uncouple...	1	1	1	1	1	1	1	1	NULL	NULL
94	14	inducible...	induciblenicotinicoxidasesynthase Inducible Nit...	1	1	1	1	1	1	1	1	NULL	NULL
95	15	inducible...	induciblenicotinicoxidasesynthase Inducible ...	1	1	1	1	1	1	1	1	NULL	NULL
104	29	rtkb	rtkb NF-kB. Oncology Gene Expression.	3	1	1	1	1	1	1	1	NULL	NULL
105	30	trf-alpha	trf-alpha TNF-Alpha	1	1	1	1	1	5	5	1	TNF Alpha seems to respo...	NULL
136	1	storyomar...	storyomaratativeforcondition	Canonical Exhibit...	Canonical Exhibit...	Canonical ...	Canonical ...	Reverse ...	Wireless a...	Powerline...	PV esca...	Parkinsons ...	NULL



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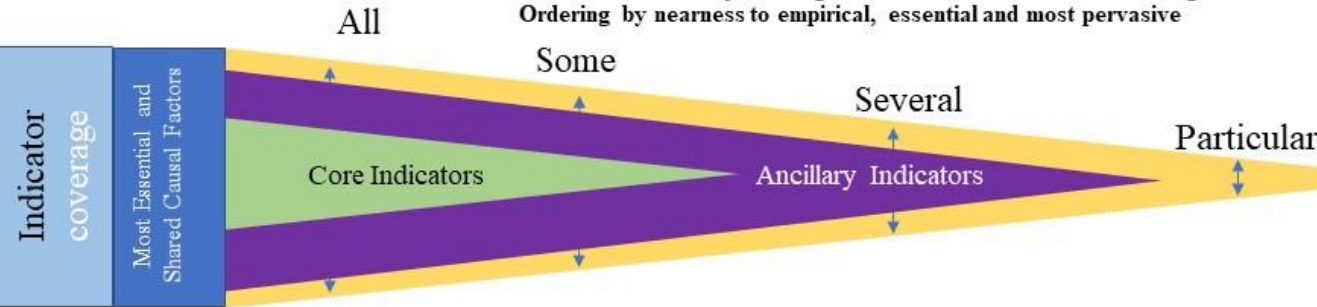
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xValue, yValue and deepValue Synthesis

## Translational Wellness

1 of 2, Discovery, Insight and Innovation Sorting.  
Ordering by nearness to empirical, essential and most pervasive



### Core Indicators

```
SELECT [CoreIndicatorsTable].[IndicatorIdentity] AS KeyInformation, [CoreIndicatorsTable].[Indicator] AS SystemName,
[CoreIndicatorsTable].[Factor] AS IndicatorName, [CoreIndicatorsTable].[IndicatorCategory] AS IndicatorCategory,
[CoreIndicatorsTable].[IndicatorIdentity] AS IndicatorIdentity,
FROM [dbo].[CoreIndicatorsTable] WITH (NOLOCK)
```

### Ancillary Indicators

```
SELECT [AncillaryIndicatorsTable].[IndicatorIdentity] AS KeyInformation, [AncillaryIndicatorsTable].[Indicator] AS SystemName,
[AncillaryIndicatorsTable].[Factor] AS IndicatorName, [AncillaryIndicatorsTable].[IndicatorCategory] AS IndicatorCategory,
[AncillaryIndicatorsTable].[IndicatorIdentity] AS IndicatorIdentity,
FROM [dbo].[AncillaryIndicatorsTable] WITH (NOLOCK)
```

### Hcy Alleviation Factors

```
SELECT [AncillaryIndicatorsTable].[IndicatorIdentity] AS KeyInformation, [AncillaryIndicatorsTable].[Indicator] AS SystemName,
[AncillaryIndicatorsTable].[Factor] AS IndicatorName, [AncillaryIndicatorsTable].[IndicatorCategory] AS IndicatorCategory,
[AncillaryIndicatorsTable].[IndicatorIdentity] AS IndicatorIdentity,
FROM [dbo].[AncillaryIndicatorsTable] WITH (NOLOCK)
```

### Indicator Relevance Key

```
SELECT [MappedIndicatorsTable].[MappedIndicatorKeyIdentity] AS KeyInformation, [MappedIndicatorsTable].[MappedIndicatorKey] AS IndicatorName,
[MappedIndicatorsTable].[MappedIndicatorKeyInformation] AS IndicatorCategory,
FROM [dbo].[MappedIndicatorsTable] WITH (NOLOCK)
```

### Indicators Mapped to Conditions, Circumstance and Detrimental Factors

```
SELECT [MappedIndicatorsTable].[MappedIndicatorIdentity] AS KeyInformation, [MappedIndicatorsTable].[MappedIndicatorKey] AS IndicatorName,
[MappedIndicatorsTable].[MappedIndicatorKeyInformation] AS IndicatorCategory,
FROM [dbo].[MappedIndicatorsTable] WITH (NOLOCK)
```

MappedIndicatorIdentity	Indicator	Factor	ConditionOrStatus1	ConditionOrStatus2	ConditionOrStatus3	ConditionOrStatus4	ConditionOrStatus5	ConditionOrStatus6	ConditionOrStatus7
1	gComplexionHemoglobin	gComplexionHemoglobin	1	1	1	1	1	1	1
2	gComplexionHemoglobin	gComplexionHemoglobin	1	1	1	1	1	1	1
3	gComplexionHemoglobin	gComplexionHemoglobin	1	1	1	1	1	1	1
4	gComplexionHemoglobin	gComplexionHemoglobin	1	1	1	1	1	1	1

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xValue, yValue and deepValue Synthesis

## Translational Wellness

2 of 2. Continuous including of discoveries, insight, innovation, indicators, and factors.  
Review of the potential and effect of such capabilities to each condition provides continuous update of the information about each indicator and enables continuous update of the clinical or story, recommended care for each condition

### Indicators Mapped to Conditions, Circumstance and Detrimental Factors

```
1 Select [MappedIndicatorsTable].[MappedIndicatorIdentity]
2     , [MappedIndicatorsTable].[Indicator]
3     , [MappedIndicatorsTable].[Factor]
4     , [MappedIndicatorsTable].[ConditionOrStatus0]
5     , [MappedIndicatorsTable].[ConditionOrStatus1]
6     , [MappedIndicatorsTable].[ConditionOrStatus2]
7     , [MappedIndicatorsTable].[ConditionOrStatus3]
8     , [MappedIndicatorsTable].[ConditionOrStatus4]
9     , [MappedIndicatorsTable].[ConditionOrStatus5]
10    , [MappedIndicatorsTable].[ConditionOrStatus6]
11    , [MappedIndicatorsTable].[ConditionOrStatus7]
12    , [MappedIndicatorsTable].[FactorIndicativeInformation]
13    , [MappedIndicatorsTable].[MappedFactorReferenceText]
14 From [dbo].[MappedIndicatorsTable] As MappedIndicatorsTable With (NoLock)
15
```

MappedIndicatorIdentity	Indicator	Factor	ConditionOrStatus0	ConditionOrStatus1	ConditionOrStatus2	ConditionOrStatus3	ConditionOrStatus4	ConditionOrStatus5	ConditionOrStatus6	ConditionOrStatus7	FactorIndicativeInformation	MappedFactorReferenceText
62	133	ConditionOrStatusCodeSet	ICD	ICD	ICD	ICD	IARC	IARC	N	NULL	NULL	NULL
63	134	ConditionOrStatusCode	U07.1	B20	87623	87264	Group2B	Group2B	N	NULL	NULL	NULL
64	135	ConditionOrStatusText	0Con...	0Con...	0Con...	0Con...	0Con...	0Con...	N	NULL	NULL	NULL
1	136	g4complexinhominidsandimicr...	g4c...	g4c...	g4c...	g4c...	g4c...	g4c...	NU...	NULL	NULL	NULL
2	5	sadenosylhomocysteine	sade...	sade...	sade...	sade...	sade...	sade...	U07.1	SAH inhibits methyl...	U07.1 SAH inhibits methyltransferases which ass...	U07.1 SAH inhibits methyltransferases which ass...
3	6	cholinedeacetylase	cho...	cho...	cho...	cho...	cho...	cho...	87623, 87624, B20, U07.1	87623, 87624, B20, U07.1 Inhibition of PEMT by r...	87623, 87624, B20, U07.1 Inhibition of PEMT by r...	87623, 87624, B20, U07.1 Inhibition of PEMT by r...
129	127	p53/pten/mdm2/puma/cmyc/...	p53/p...	p53/p...	p53/p...	p53/p...	p53/p...	p53/p...	NU...	NULL	NULL	NULL
130	128	phosphocholine	phosphocholine	phosphocholine	phosphocholine	phosphocholine	phosphocholine	phosphocholine	NU...	NULL	NULL	NULL
131	129	phosphocholineA	phosphocholineA	phosphocholineA	phosphocholineA	phosphocholineA	phosphocholineA	phosphocholineA	NU...	NULL	NULL	NULL
132	130	calcium/Ca2+	calcium/Ca2+	calcium/Ca2+	calcium/Ca2+	calcium/Ca2+	calcium/Ca2+	calcium/Ca2+	NU...	NULL	NULL	NULL
133	131	nitricoxideavailability	nitricoxideavailability	nitricoxideavailability	nitricoxideavailability	nitricoxideavailability	nitricoxideavailability	nitricoxideavailability	NU...	NULL	NULL	NULL
134	138	folateuptake	folateuptake	folateuptake	folateuptake	folateuptake	folateuptake	folateuptake	NU...	NULL	NULL	NULL
135	142	storynarrativeforcondition	storynarrativeforcondition	storynarrativeforcondition	storynarrativeforcondition	storynarrativeforcondition	storynarrativeforcondition	storynarrativeforcondition	NU...	NULL	NULL	NULL
136	143	nanog	nanog	nanog	nanog	nanog	nanog	nanog	NU...	NULL	NULL	NULL

Each clinical indicators linkage to a condition changes understanding is included in the condition's story?

Each conditions linkage to a clinical indicator changes understanding and is included in that indicators Indicative and Reference Information

Canonical Exhibition Canonical Exhibi Canonical Exhib

Internal, programmable, directable, cybernetic,  
artificial, operational, and organizational synapse  
using opts, feedback, improvement

External, programmable, directable, cybernetic,  
artificial, operational, and Industry synapse using  
ops, feedback, improvement

y, sustain and enhance  
performance and value

deep, consciously deliver value  
that is increasingly consciously  
ascertainable by workers,  
customers, populations, systems  
and as outcomes

Optimize Costs per customer/IT  
FTE/business FTE, do more for  
less, enhance value and efficiency,  
assuring solvency, return on  
investment,  
Worker/Customer/Stakeholder  
Intimacy, while achieving charter  
objectives and delivery on Key  
performance indicators

xValue, yValue and  
deepValue Synthesis

### Translational Wellness

#### 3 of 3. Value Synthesis, Continuous

Review of the potential and effect of such capabilities to each condition provides continuous update of the information about each indicator and enables continuous update of the clinical or story, recommended care for each condition

