

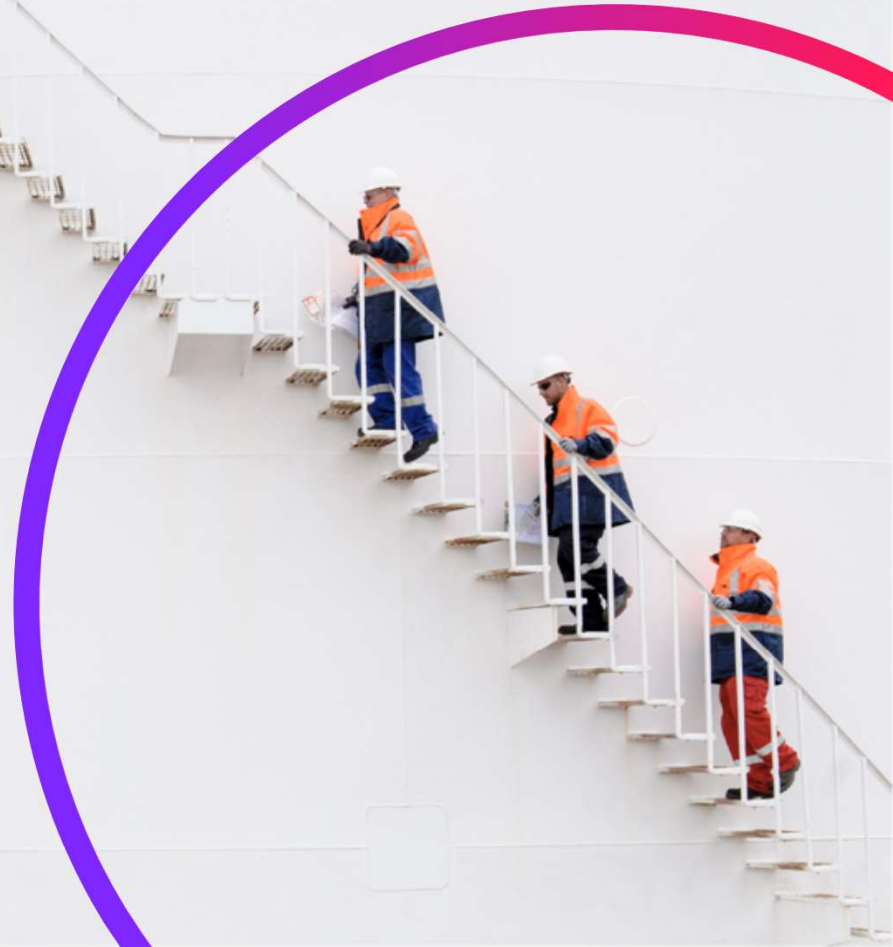


May 11, 2022

Utility Analytics Summit

Andy Quick

Highly sensitive, confidential and proprietary



Questions

Who are you?

How is analytics
positioned w/
executives?

What does the
analytics team do?

How do you
identify &
prioritize work?

What
methodology do
you follow?

How are you
organized?

How do you **find**
and retain talent?

How do you
create value?

Advice for
analytics leaders?

Moneyball for Utilities



Jonah

- ✓ Knows baseball
- ✓ Uses analytics
- ✓ Provides insights
- ✓ Makes recommendations
- ✓ Sticks with it

Brad

- ✓ Knows baseball
- ✓ Trusts analytics
- ✓ Provides insights
- ✓ Takes action
- ✓ Sticks with it

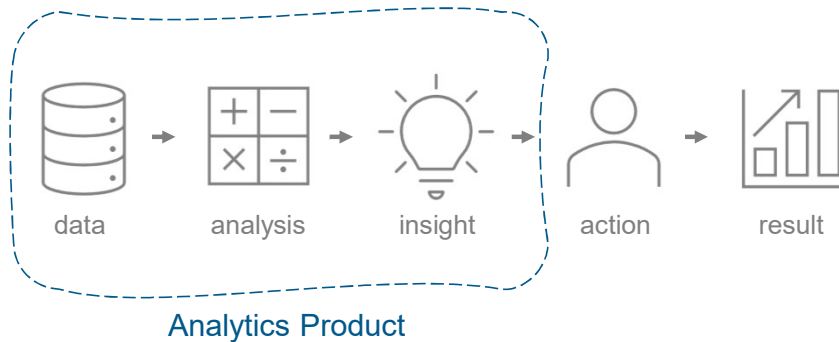


**Help leaders win
by enabling them
to make
decisions today
using
predictions
about the future**

What we do

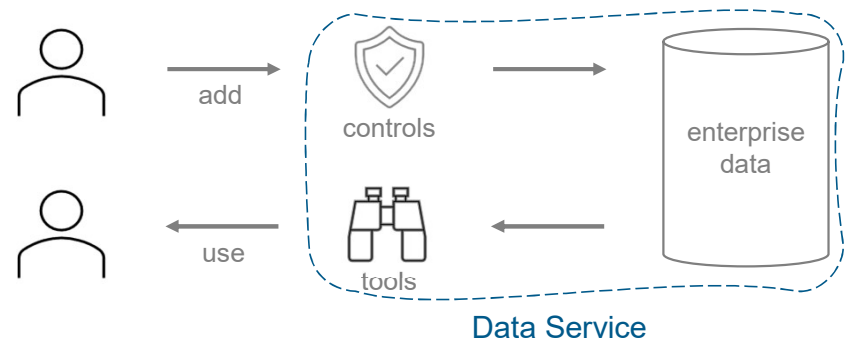
Create and Maintain Analytics Products

Our **analytics products** combine software, data, and other digital tools that provide insights and recommendations to decision makers using a variety of analytics techniques.



Provide Enterprise Data Services

Our **data service** allows people to store and retrieve enterprise data and information, leveraging a centralized platform governed by standards, structure, and security controls.



Product pipeline

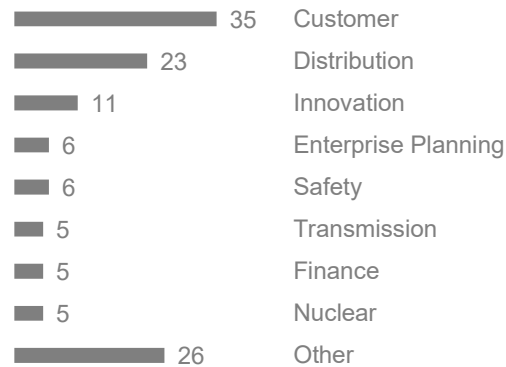
We interviewed leaders...

...yielding **122 ideas**...

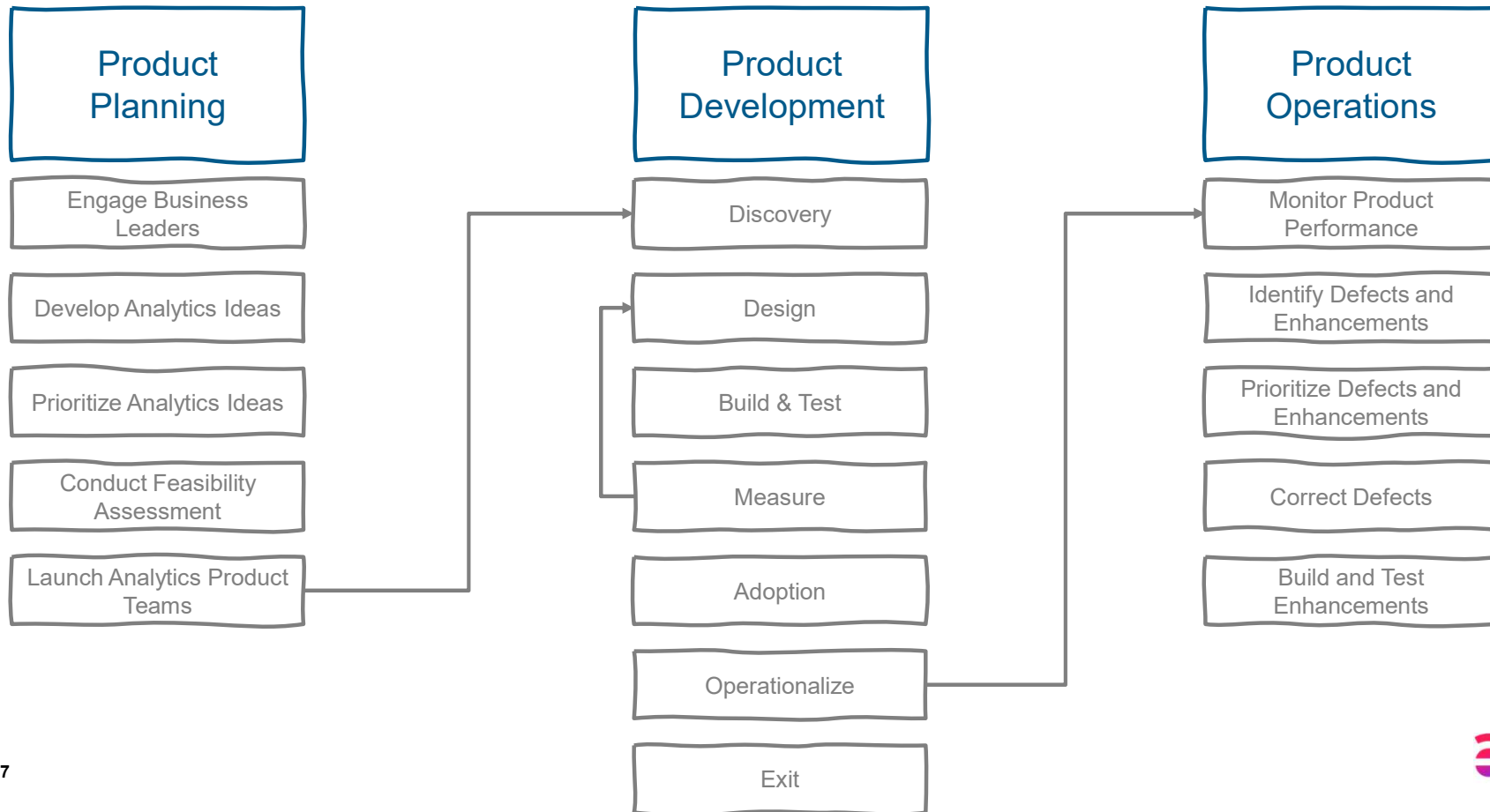
...classified by **value/effort**...

...grouped into **4 teams**.

Let's discuss **your problems** that we might help remedy using analytics...



Product delivery methodology



We work in product teams (“pods”)

- Provide overall leadership for product delivery
- Ensure business results are achieved
- Prioritize features in backlog
- Resolve major blockers
- Lead day-to-day product delivery
- Remove day-to-day blockers
- Provide agile coaching
- Plan and execute sprints
- Manage schedule & budget
- Facilitate product ceremonies
- Create and maintain product plan and roadmap
- Coordinate product testing
- Determine analytics approach
- Design analytics models
- Build analytics models
- Test analytics model
- Enrich models with data & rules to improve accuracy
- Identify data needs
- Acquire, stage, clear, and prepare data
- Design and create software to move data to environments
- Ensure easy access is available for team members
- Identify analytics platform requirements
- Identify platform tool requirements for products
- Identify and implement new technology tools
- Facilitate platform changes as required
- Design product technical architecture
- Review designs and code developed by team members
- Conduct design thinking sessions and workshops
- Coordinate creation of product features, business rules, data sources, formulas)
- Develop user stories and epics

Dedicated, full-time

Business Analytics Manager

Product Manager

Data Scientist

Data Engineer

Solution Architect

Business Analyst

Matrixed from business

Business Sponsor

Business Experts

Product Designer

Software Engineer

Change Management Analyst

Tester

Straddle multiple pods

- Shared role, mirrored to Analytics Manager
- Sign-off on results
- Accepts product
- Champion of product adoption for the business
- Resolve major blockers
- Provide process knowledge
- Test & validate analytics product features
- Provide access to systems and data
- Help analyze current process for frictions
- Champion of product adoption for the business
- Design user experience
- Create journey maps and wireframes
- Facilitate UX testing
- Develops software based on design
- Integrates product with existing systems
- Supports product testing
- Facilitate process mapping
- Design process changes
- Create and maintain stakeholder analyses
- Manage stakeholder expectations
- Facilitate communication and training
- Lead intervention tactics to ensure product adoption
- Setup adoption expectations/criteria/thresholds
- Develops test approach and plan
- Executes test scenarios
- Prepares test data
- Manages defects



4 concurrent pods

Customer



Power Delivery



Generation



Corporate



Cross-Pod Roles



6 existing products, 8 under development



- Meter tampering
- Bill estimator
- High bill predictor
- Net Promoter Score (NPS) prediction

- Workforce performance & productivity diagnostics
- Vegetation Mgmt. – Trim cycle miles/ cost predictor
- Meter status & connectivity analyzer
- Transformer failure diagnostics

- Short term load/ location marginal pricing forecasting model
- MISO fuel purchasing optimization

- Supply chain 360
- Unbilled revenue estimator
- Cloud security monitoring
- Revenue forecasting

○ Underway

Organized around what we do

Business

- Relationship management
- Pipeline management
- Planning and prioritization
- Product ownership
- Change management

Product

- Product management
- Produce design
- Product engineering
- Data staging & preparation
- Data analytics

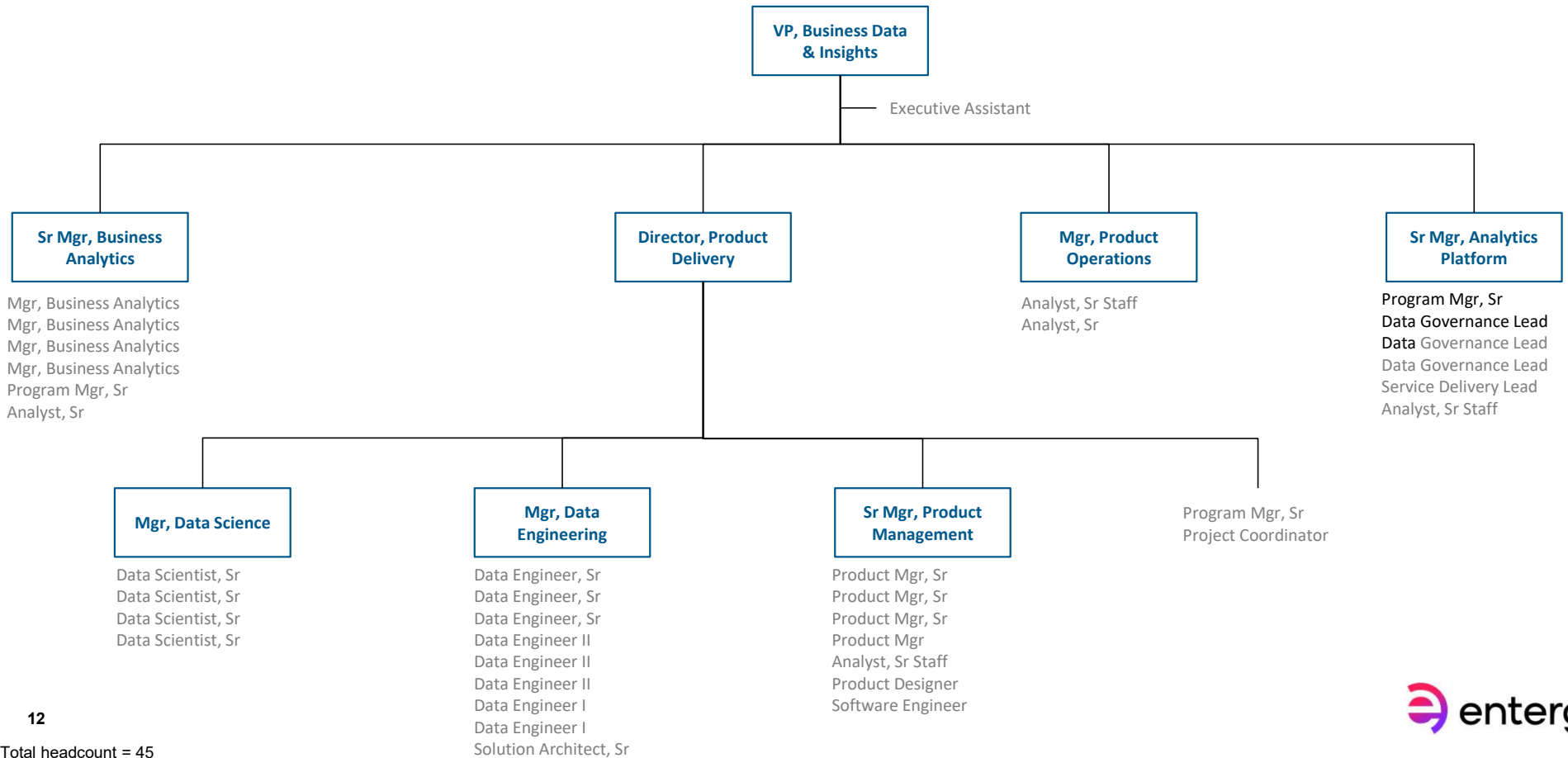
Operations

- Monitoring
- Defect correction
- Maintenance
- Enhancements
- Performance management

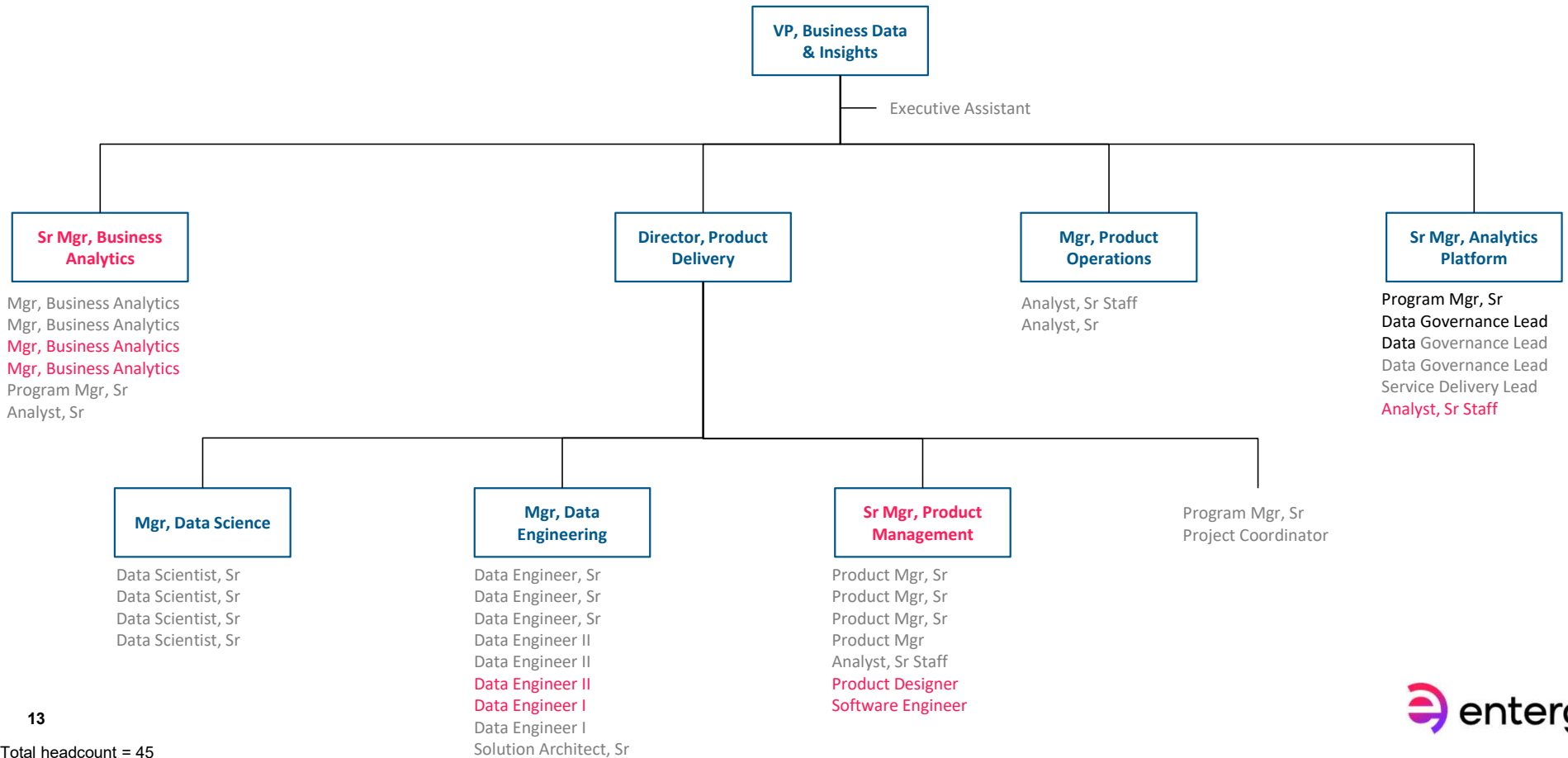
Platform

- Strategy & Roadmap
- Data standards
- Data governance
- Data architecture
- Data access services

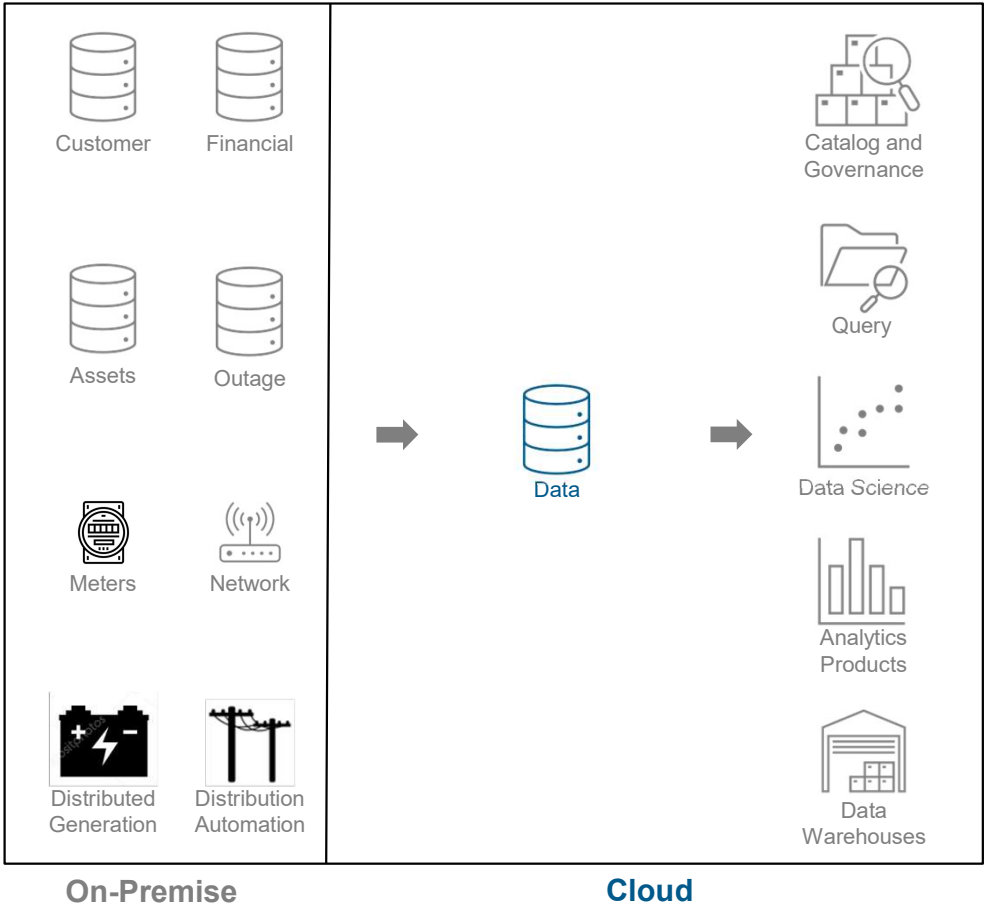
Detailed org chart



Detailed org chart



We're moving to the cloud... (one day)



Don't bother competing for talent...



VS.



Find another way...



Job
hoppers
are gonna
hop



Climbers
are gonna
climb



**Partner
with
universities**



**Hire locals
who want
to stay
locals**



**Grow your
own**



**Make work
the
happiest
place on
earth**

Advice

Care about what your CEO cares about

Think singles and doubles

Focus on business-centric results

Make products people love

Talk like the business

Make your platform easy to use

Add data by following problems

Establish processes for everything you do



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