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SCALING ANALYTICS ACROSS YOUR TEAM
WITH SELF-SERVICE ANALYTICS

CONTINUAL GROWTH OF HEALTHCARE DATA

Healthcare data volume shows no sign of slowing:

878% GROWTH SINCE 2016

8.41 PETABYTES IN 2018

36% GROWTH RATE PER YEAR THROUGH 2025

GROWING DATA DOESN'T MEAN ACCESSIBLE DATA

Challenges of analyzing available and growing data

VARIATION IN DATA STRUCTURE AND COMPLEXITY

CONCERNS AROUND DATA GOVERNANCE

DATA OFTEN SILOED AND DIFFICULT TO ACCESS

SHORTAGE OF ANALYSTS AND DATA SCIENTISTS

INCREASED DEMAND FOR DATA DRIVEN DECISIONS

To stay competitive life sciences needs to analyze data to

- Accelerate research and development
- Drive sales and marketing initiatives
- Reduce costs of clinical trials
- Comply with regulatory requirements
- Engage in value-based contracting
- Enhance patient/provider outreach

KEY DATA ANALYTICS ROLES

DATA ANALYSTS:

- Analyze data to make business decisions
- Solve ad-hoc business questions
- Do not require machine learning or advanced data visualization skills
- Are masters in SQL

DATA SCIENTISTS:

- Interpret data to forecast the future based on past trends
- Formulate questions whose solutions are likely to benefit the business
- Build statistical models and are well-versed in machine learning
- Possess strong foundation in modeling, analytics, math, statistics and computer science

MARKET DEMAND FOR DATA SCIENTISTS AND DATA ANALYSTS

DATA ANALYSTS:

- Demand has grown 6x over the last five years
- Demand projected to grow 26% from 2018 to 2028
- Over 23,000 current job postings and growing

DATA SCIENTISTS:

- Over 60,000 current job openings – 28% growth since 2015
- 54% increase in job postings
- 78% of openings require 3 years' experience
- 39% require master's degree or higher

SOLVING THE DATA ANALYST AND SCIENTIST VOID

DATA ANALYTICS:

- Expensive
- Time consuming
- Difficult to collaborate

EMPOWERING IN-HOUSE ANALYSTS

- Provide scalable analytic tools
- Offer necessary training

THE SCALABILITY OF SELF SERVICES ANALYTICS

Panalgo's IHD platform accelerates the research process and helps fill the analytics gap

- Purpose built for healthcare
- Flexible, fast and intuitive
- Completes analyses 85% faster than traditional custom programming
- Enables self-service analytics for life sciences analysts
- Supports R&D, Epidemiology, HEOR, commercial teams
- User friendly interface with maximum flexibility for building analyses
- Allows researchers to run an unlimited number of fully customized queries

LEARN HOW IHD STREAMLINES HEALTHCARE DATA ANALYTICS AND EMPOWERS YOU TO GENERATE AND SHARE TRUSTWORTHY RESULTS FASTER AT:

panalgo.com/contact

Connect with us at demo@panalgo.com

SOURCES:
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About Panalgo

Panalgo provides software that streamlines healthcare data analytics by removing complex programming from the equation. Our Instant Health Data (IHD) software empowers teams to generate and share trustworthy results faster, enabling more impactful decisions. To learn more visit us at www.panalgo.com.