

## **PRISME Forum**

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### Activating data across the network



#### Discover

Over 20 billion interoperable healthcare and consumer transactions



#### **Activate**

De-identification & matching technology enabling interoperability



#### Govern

Immutable storage and management of patient and HCP consent



### **Explore**

Link consumer and healthcare data together via secure multiparty computing



#### Monitor

Update the field with HCP-level view of patient treatment dynamics



Foundation for the rapid creation, exchange and management of healthcare and consumer data in a fully-interoperable, privacy-protecting manner



### AI/ML data readiness obstacles

- Guiding principals of FAIR Findable, Accessible, Interoperable, Reusable
- Data widely dispersed both within individual companies and between companies
- Biopharmaceutical companies self-evidently have less data on which to train AI/ML
- Data is rarely in a form amenable to use to train AI/ML
- Limited, timely access to sufficient, high-quality data, on which AI systems can be trained

HealthVerity obliterates these obstacles to unleash connected data for AI/ML



## Game-changing technology – The HVID

HealthVerity Census software connects the patient journey accurately and effectively:

### PHI/PII

Bloom filter hashing: Distance preserving - addresses typos

Broad use of hashed PHI fields: Name, location, contact info etc.

Bayesian probabilistic matching: Solves missing & changed fields ç



### HealthVerity ID (HVID)

- ✓ Unique but persistent ID across all sources
- ✓ Leverages patient master of 330M HVIDs
- √ Enables data interoperability
- √ Delivers highest accuracy



### Activate the data you have

- Pharma is sitting on a treasure trove of its own data
- HealthVerity Census is a SaaS solution that tokenizes and links data wherever it resides
- Connects the patient journey
- HIPAA and privacy-compliant
- Enables Pharma to leverage its own data for AI/ML





## Activate the data you need



Links over 50 traditional and emerging data sources across five major data types for over 330 million US patients



Total data supplier interoperability for de-identified data; highest accuracy available

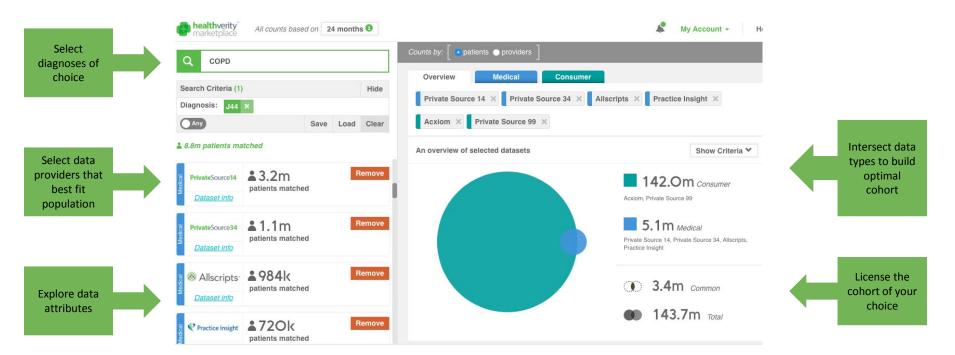


Build custom cohorts in minutes; contract and receive data in standard data models within days to feed AI/ML





## Custom cohorts for AI/ML on-demand

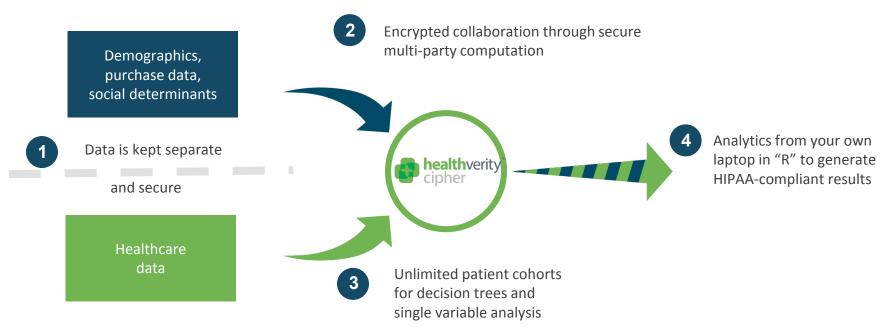






### 360 degree social view for AI/ML

HealthVerity Cipher virtually combines clinical and consumer data at the patient level to drive breakthrough insights:





### Best fit data drives the best AI/ML

### Multiple Sclerosis patient cohort

- Link website, patient hub, registry and specialty pharmacy claims internally
- Track patient acquisition and adherence behaviors
- Link internal cohorts to HealthVerity Marketplace medical claims, lab results and consumer data
- Understand diagnosis, time to treat, drug switching and social determinants
- Are MS patients living an active life (travel, exercise, culture) or homebound?



## The HealthVerity advantage



Activate internal data

Activate third party data



Breakthrough AI/ML for Pharma

- Best fit data
- Custom, comprehensive cohorts
- Unlimited potential

Activate social determinants

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