

Trendy v oblastiach Business Intelligence a Analytiky

e FOCUS

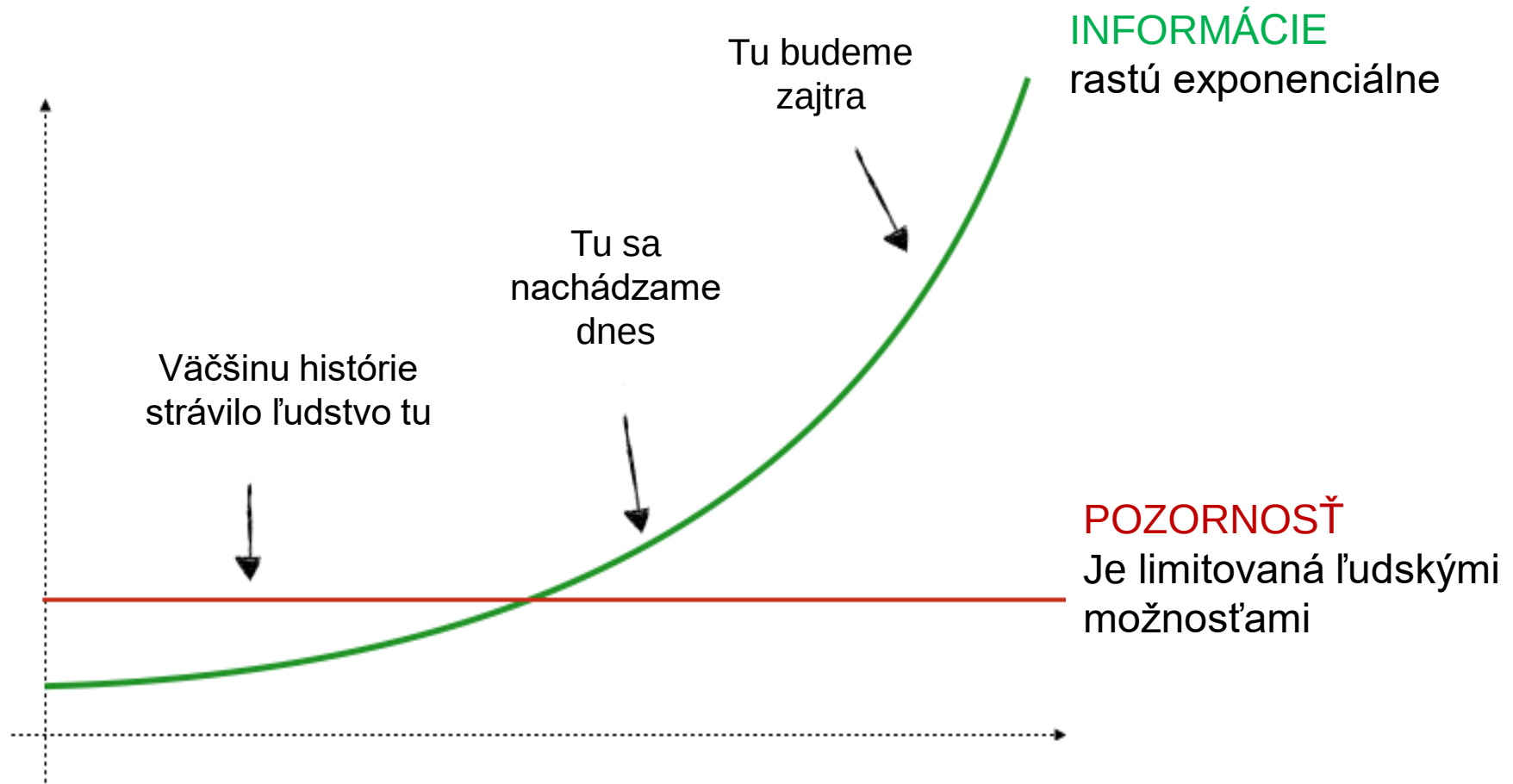
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Trendy v oblastiach Business Intelligence a Analytiky

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Čoho je dnes najväčší nedostatok?



Technológie zmenili naše nároky...



Náš pracovný a súkromný život sa začínajú prelínať

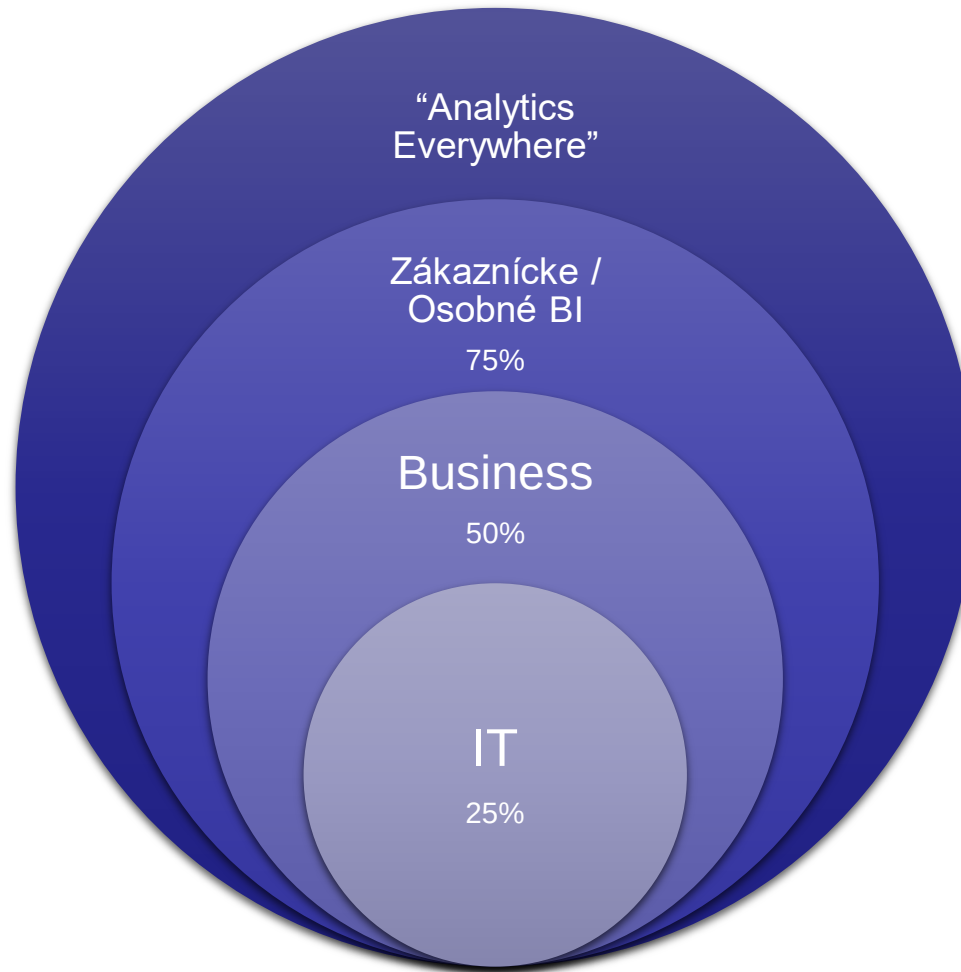


Svet bez otváracích hodín a bez čakania



Prevláda "urob si sám" mentalita

... a vynucujú si rastúcu adopciu Business Intelligence



1865

Richard Millar Devens; *Cyclopaedia of Commercial and Business Anecdotes*

1880 - 1881

US Census Bureau; **Herman Hollerith**; *Tabular computation machine*

1958

Hans Peter Luhn; *A Business Intelligence System*

1970

Edgar F Codd; Framework pre "relačnú databázu,

1989

Analytik **Howard Dresner** (Gartner); Business intelligence na popis všetkých DSS a EIS systémov

1991

Tim Berners-Lee;
Internet

1988

Medzinárodná konferencia
Multiway Data Analysis consortium v Ríme

1997

Business Intelligence je "všade"

1998; Google

1996

Ukladanie dát v digitálnej podobe je lacnejšie ako papier

2003

Facebook

2004

Walmart vlastní 460 TB dát (dvakrát viac ako celý internet)

2005-2006

Twitter, Youtube

2007;

Konsolidácia BI vendorov

2007; iPhone

Business

Technológie

Real time

Big data

Cloud BI

Data
visualization

Mashups

Mobile BI

Predictive

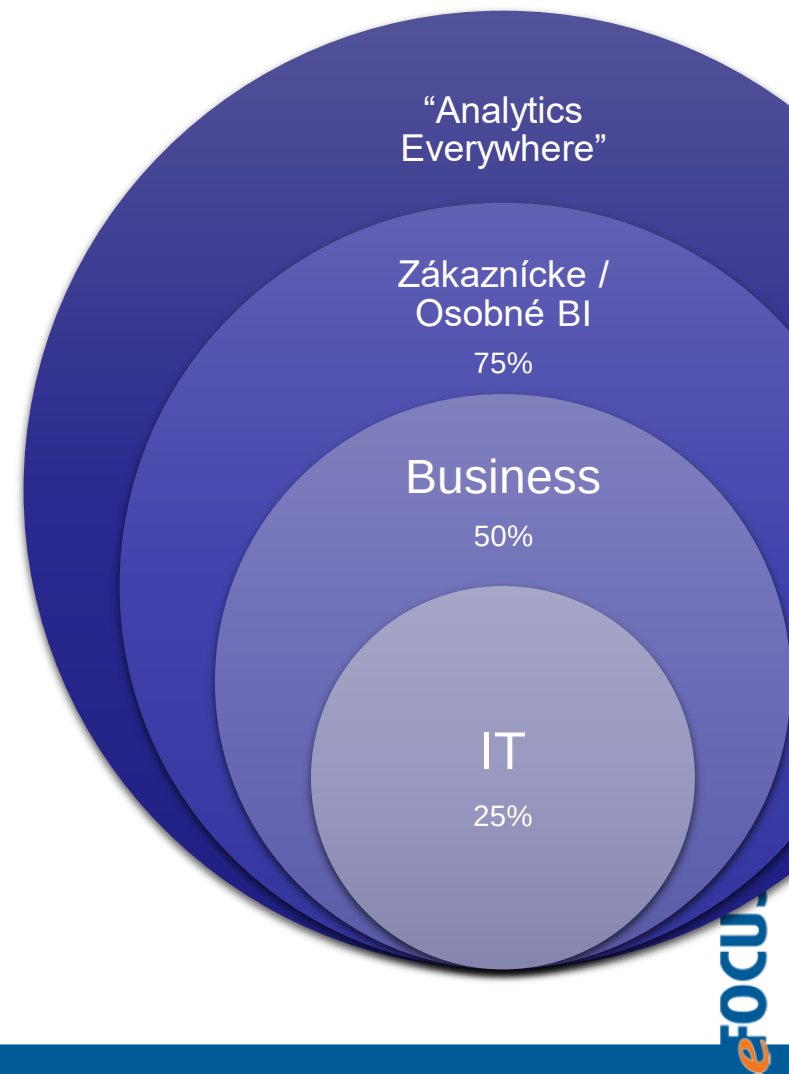
Search &
Exploration

Customer
experience

Social
networking

Ktoré trendy budeme vidieť v nasledujúcich rokoch?

1. Analytická samoobsluha
2. Zlievanie sa platforiem pre BI a Exploration
3. Príprava dát pre každého, agilná integrácia
4. Zjednodušovanie prediktívnej analytiky
5. Governance získa na dôležitosť
6. Cloud BI so zameraním sa na API
7. Data Storytelling
8. Rozpoznávanie reči a kognitívne funkcie



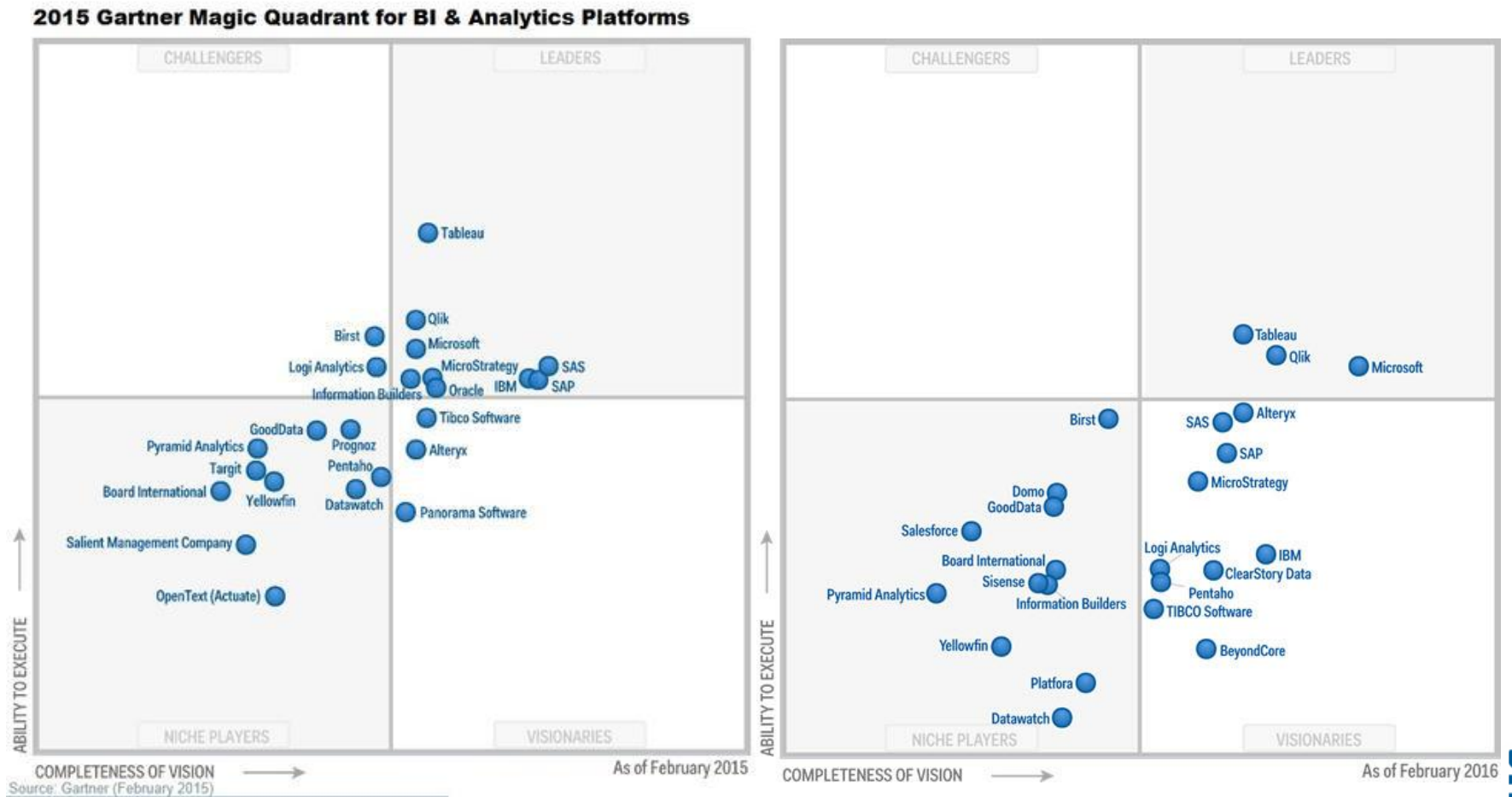
1. Analytická samoobsluha



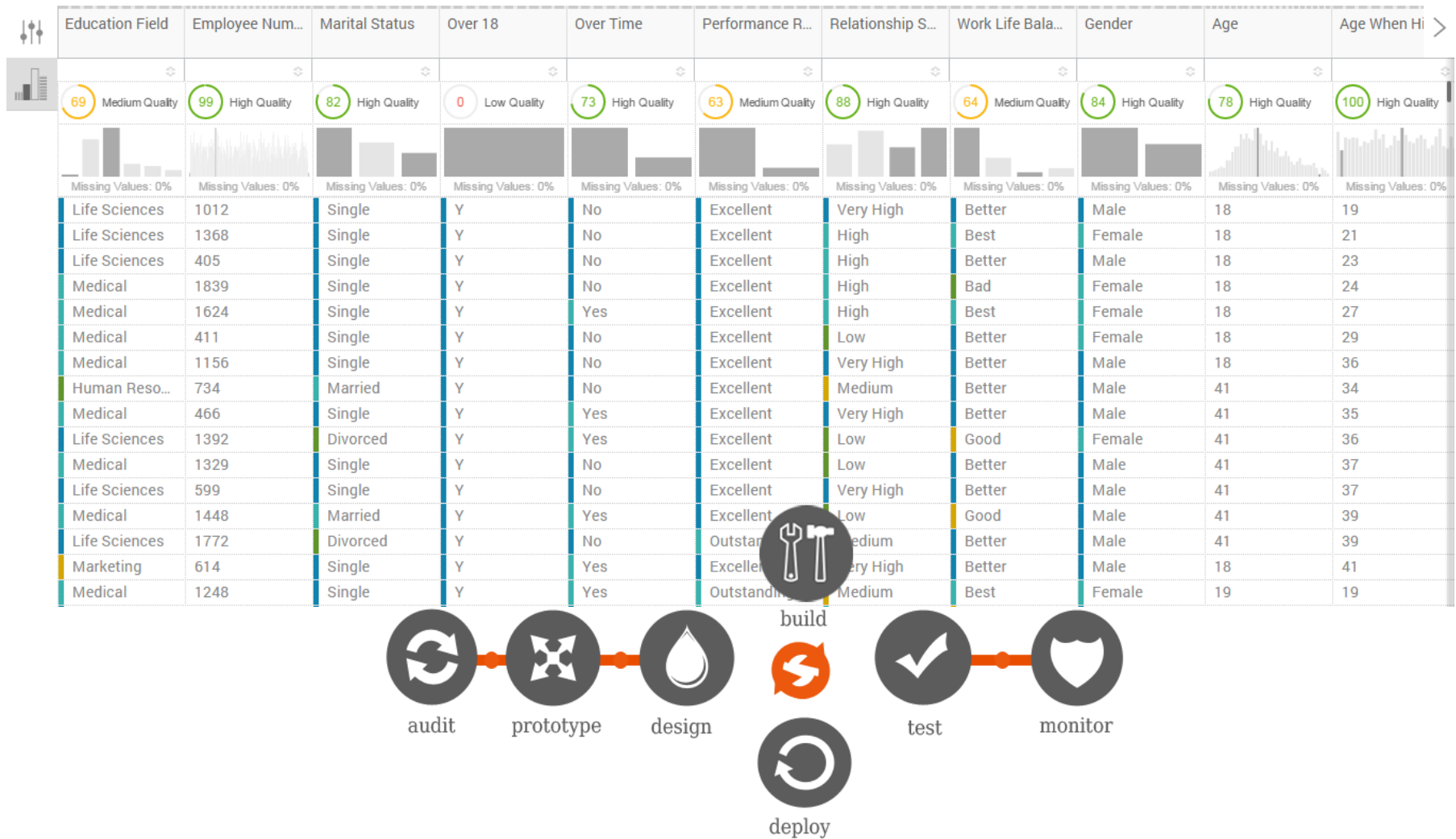
Business Analytic Capability	Unstructured Self-Service BI Informal environment which places higher value on agile discovery of information than on governance & standardization	Managed Self-Service BI Environment which places a high value on governance, standardization, and security while trying to meet agile business needs
	Rudimentary BI Manual and/or repetitive data analysis, often performed with data extracts or re-keyed; may result in "spreadmarts"	Corporate BI Standardized reporting which serves various business units, often supported by IT or a BI Center

Name	Microsoft Power BI	Tableau Desktop	Looker	Domo	Qlik Sense Enterprise Server	Zoho Reports	Information Builders WebFocus	Tibco Spotfire Desktop	Chartio	Clarify QCube
Lowest Price	Free	\$999.00	\$3,000.00	\$2,000.00	\$1,500.00	\$140.00	\$30,000.00	\$650.00	\$2,000.00	\$425.00
	Microsoft	Tableau Software	Looker Data Sciences	Domo	QlikTech	Zoho	Information Builders	TIBCO Software	Chartio	Clarify
	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT
Editor Rating	★★★★★ EC	★★★★★ EC	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Free Trial	✓	✓	✓	✗	✗	✗	✗	✓	✓	✗
Mac Version	✗	✓	✗	✗	✗	✗	✓	✗	✗	✗
Mobile Versions	✓	✗	✗	✓	✗	✓	✓	✓	✗	✗
Software-as-a-Service (SaaS) Version	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗
Windows Version	✓	✓	✗	✗	✓	✗	✓	✓	✗	✓
Hadoop/Hive	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗

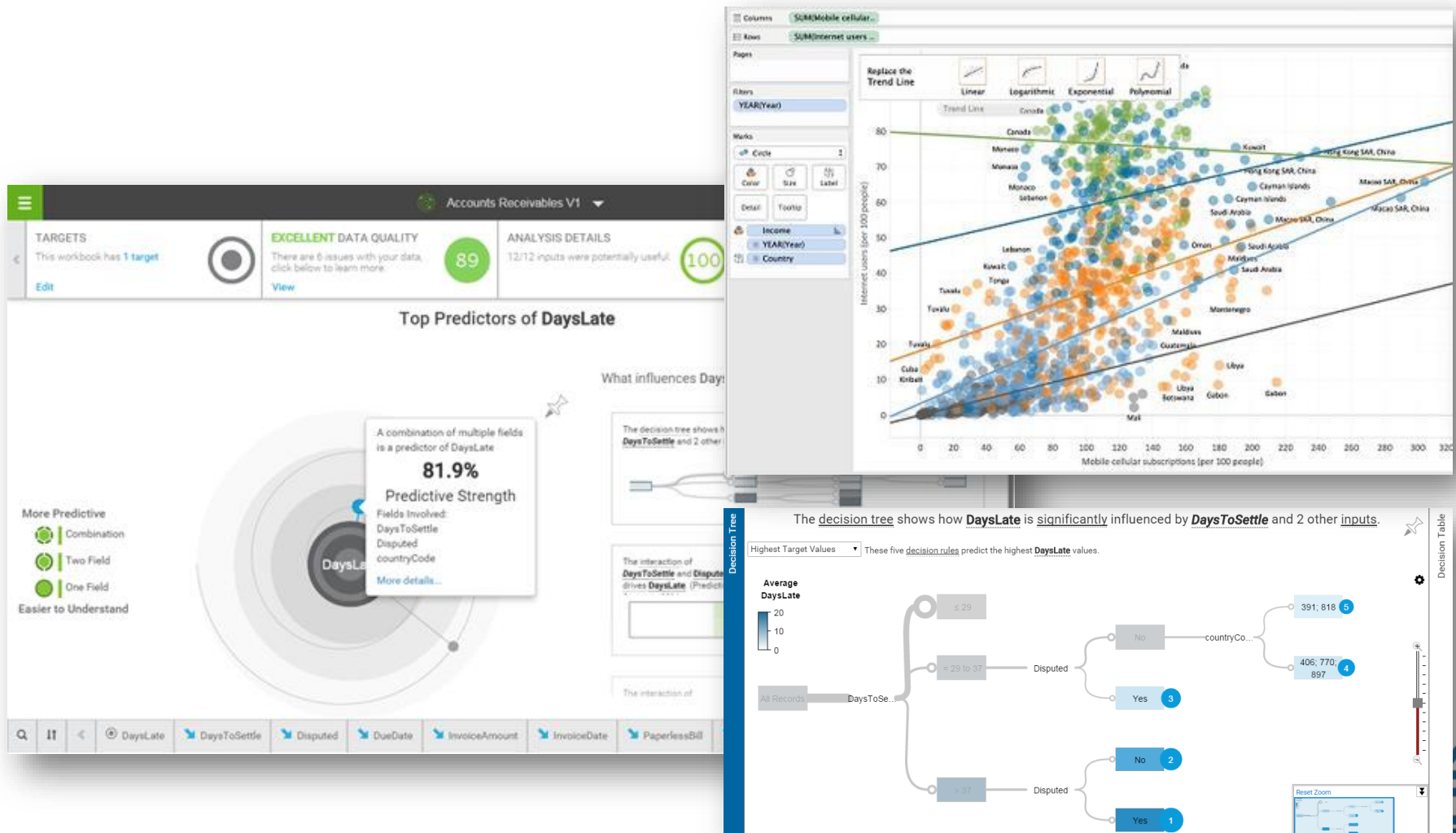
2. Zlievanie sa platforiem pre BI a Exploration



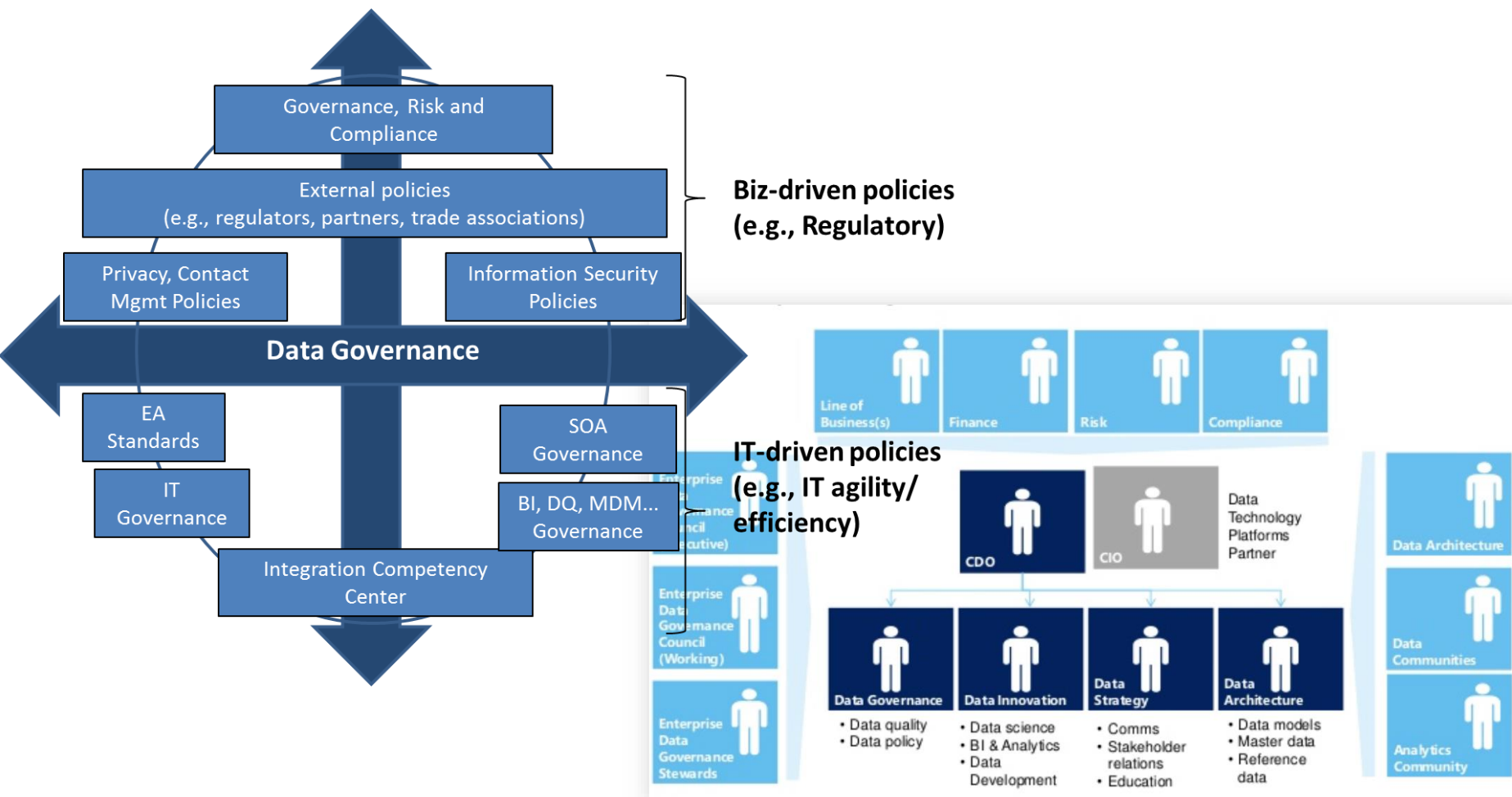
3. Príprava dát pre každého, agilná integrácia



4. Zjednodušovanie prediktívnej analytiky



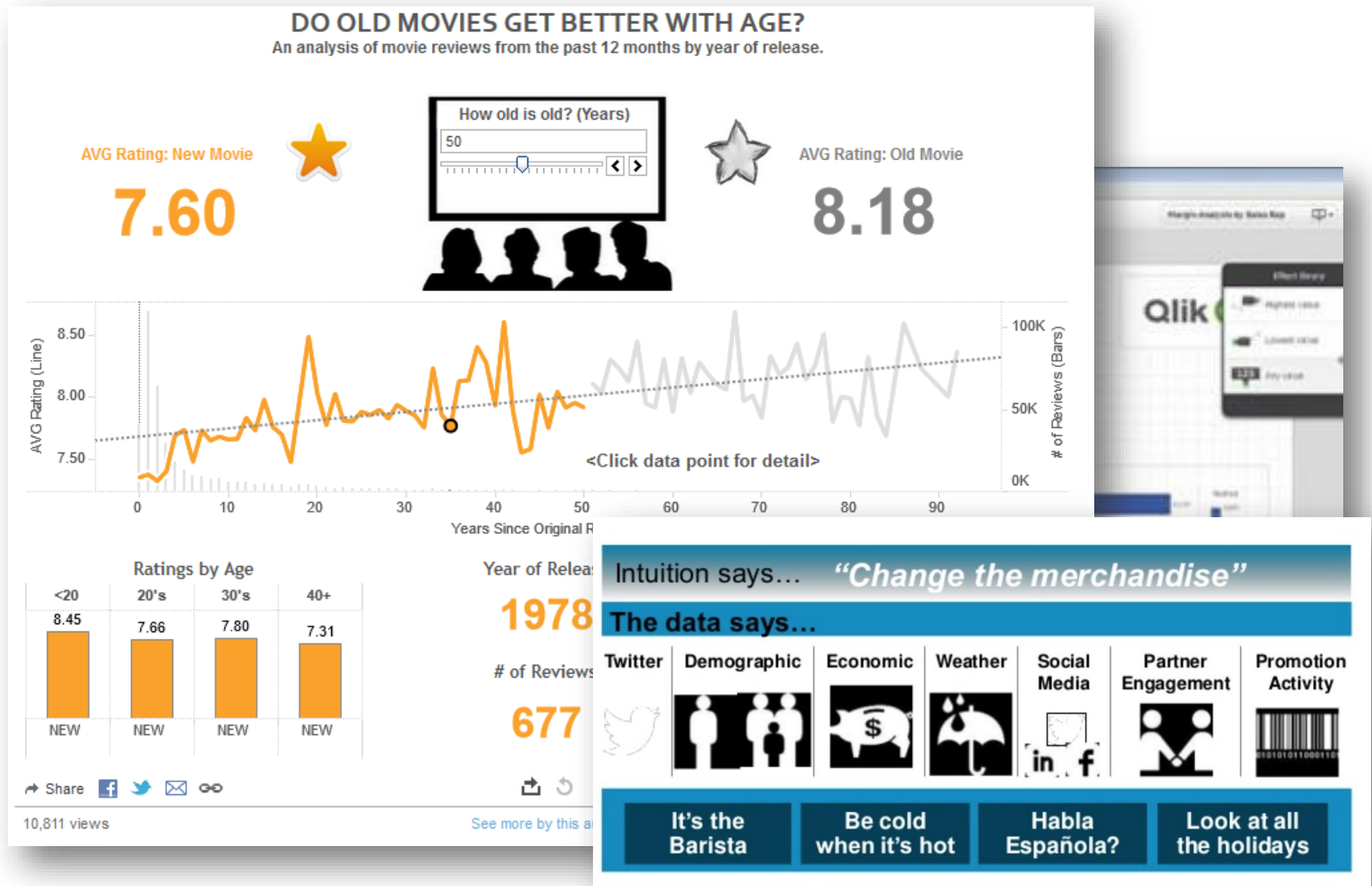
5. Governance získa na dôležitosti



6. Cloud BI so zameraním na API



7. Data storytelling



8. Rozpoznávanie reči a kognitívne funkcie

What do you want to explore in "Auto - US Sales"?

How do the values of totaldaysidentifiedthroughclosing compare by state and suppliesgroup

What do you want to explore next?

How does route to market affect opportunity amount used by state

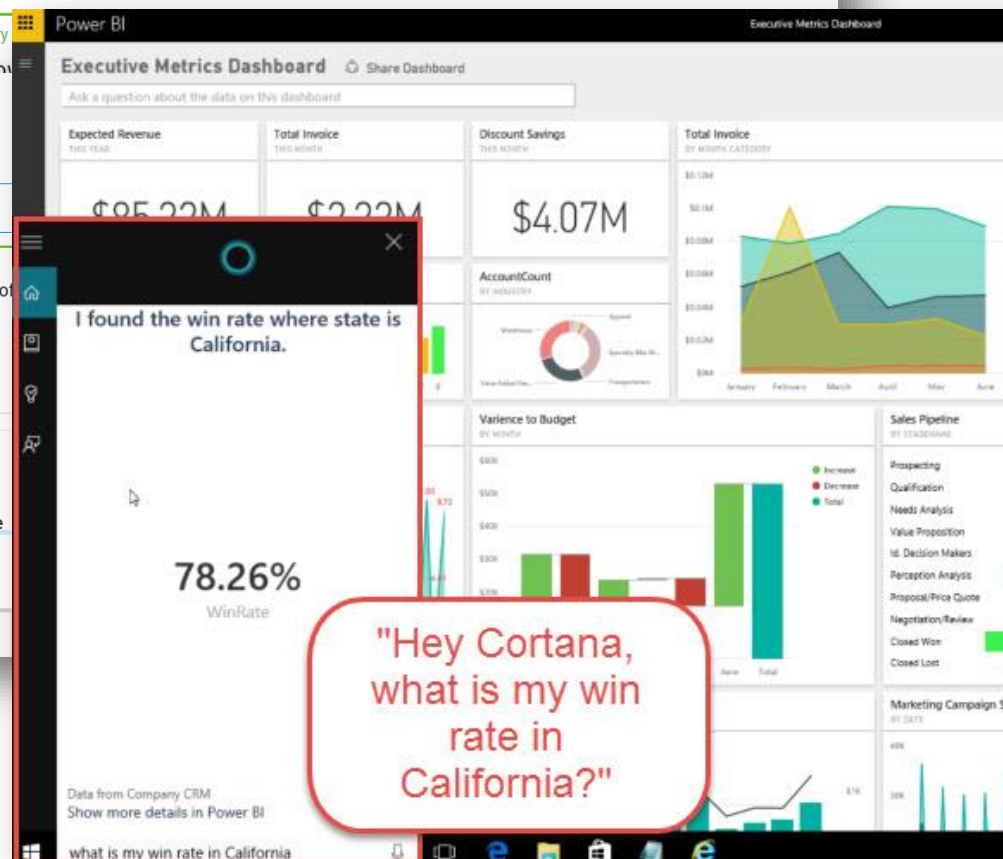
How do the values of ElapsedDaysInSalesStage compare by RouteToMarket?

What are the values of ElapsedDaysInSalesStage by State?

How do the values of ElapsedDaysInSalesStage compare by

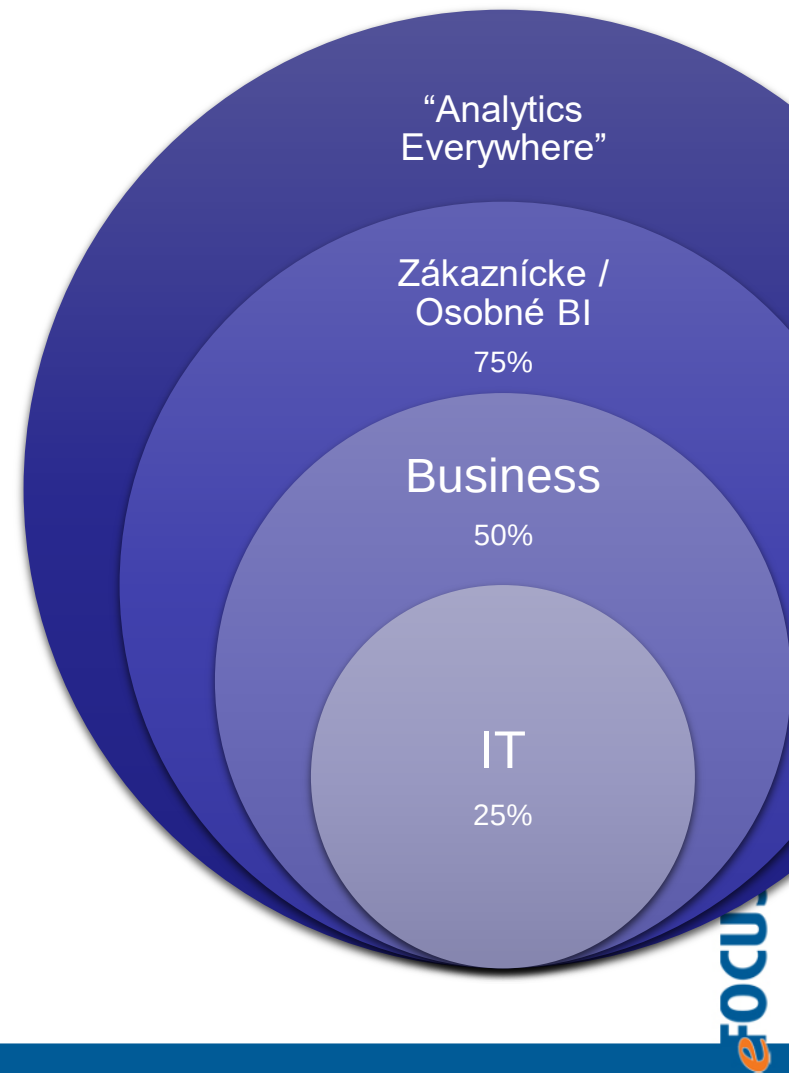
What is the breakdown of RouteToMarket?

What is the relationship between ElapsedDaysInSalesStage

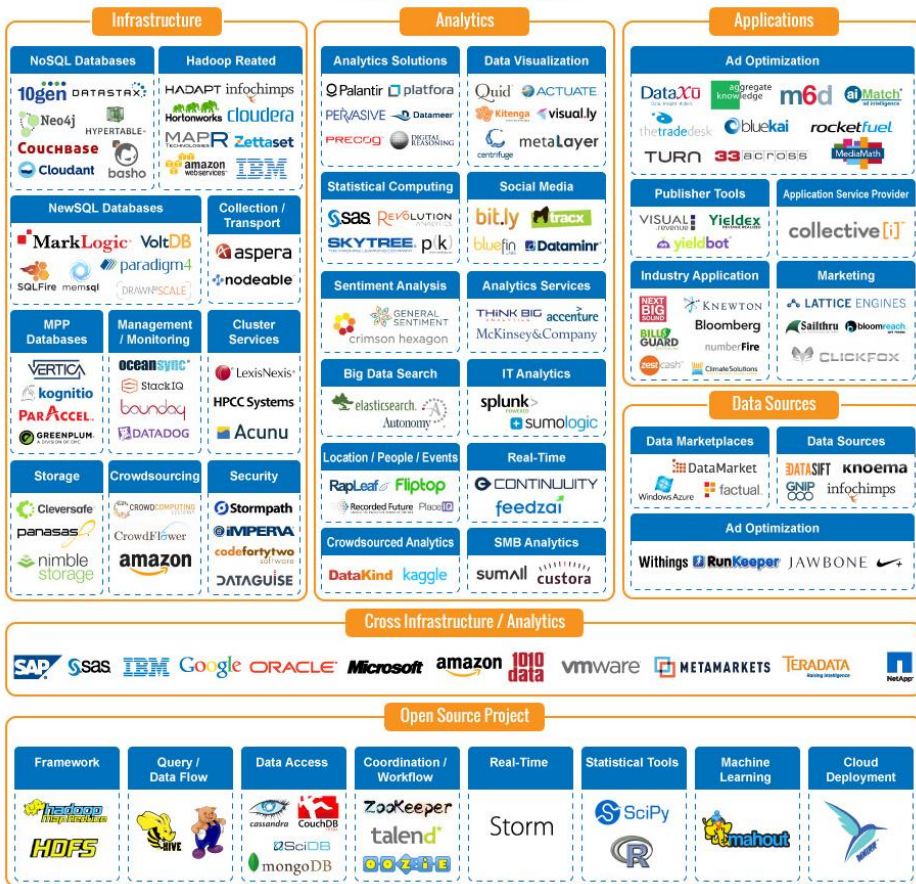


Business Intelligence sa zmení a bude tu aj naďalej...

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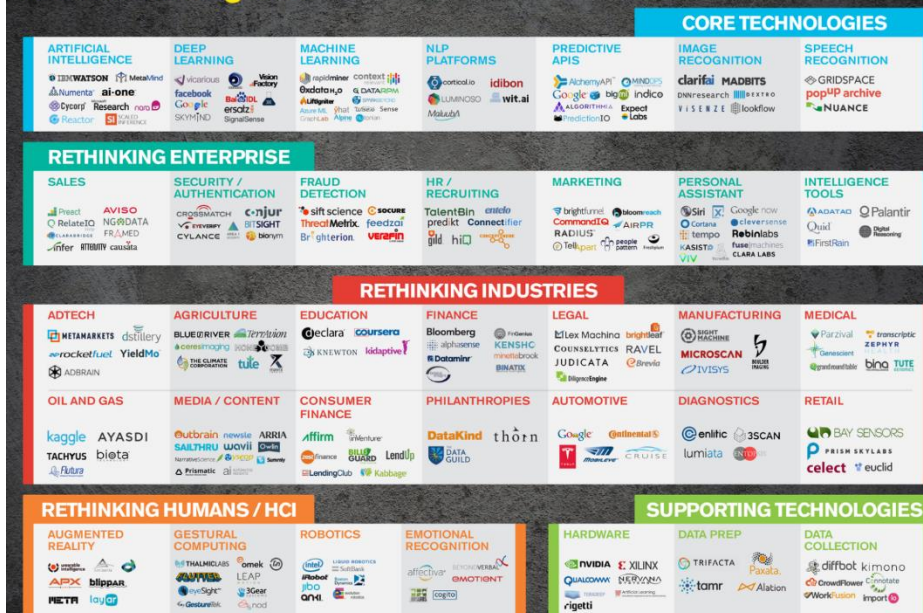


BIG DATA LANDSCAPE



Source: <http://www.hexanika.com/big-data-experts-cloud-computing-experts/>

Machine Intelligence LANDSCAPE



www.shivonzilis.com/machineintelligence

Source: www.shivonzilis.com/machineintelligence



IBM **Watson** Analytics

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WatsonAnalytics.com

Ďakujem za pozornosť

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