

# Analytics Jumpstart

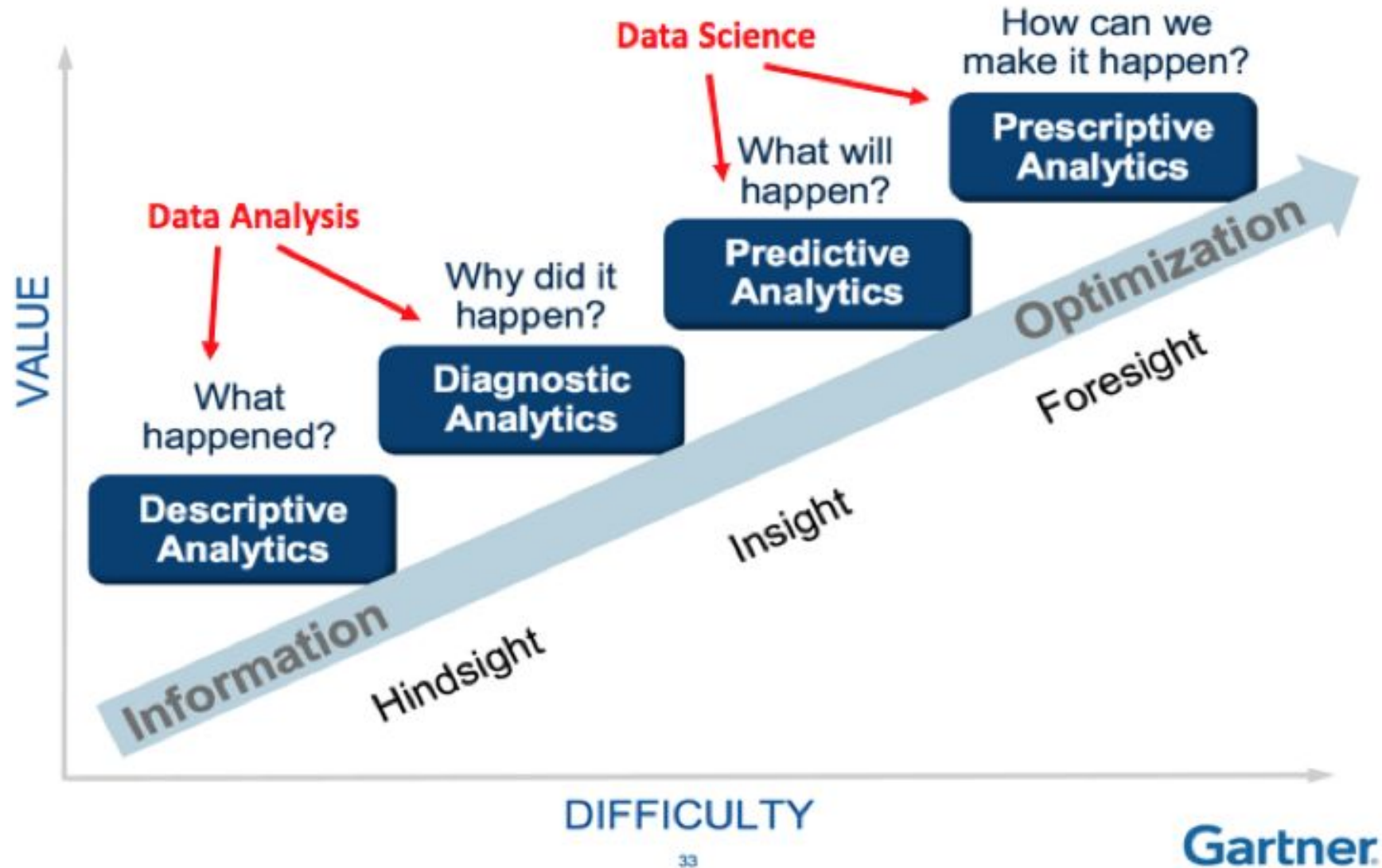
## Continued Learning

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Nashville Software School




# Gartner Analytic Ascendancy Model



# Careers

## Growth Trends by Occupation Group



Occupation Group	2019 Jobs	2019 % of Tech Workforce	Past Growth (2014-2019)	Projected Growth (2019-2024)
Business & Financial Operations Analysts	25,061	39.9%	51%	19%
Software Developers/Quality Assurance Occupations	8,924	14.2%	26%	21%
Computer Support Specialists	6,340	10.1%	21%	12%
Management Occupations	5,620	8.9%	60%	15%
Computer & Information Analysts	5,489	8.7%	28%	14%
Database & Systems Administrators & Network Architects	4,104	6.5%	12%	12%
Computer Occupations, All Other	2,900	4.6%	54%	12%
Special Effects Artists, Animators & Graphic Designers	2,327	3.7%	14%	11%
Mathematical Science Occupations	1,080	1.7%	46%	23%
Computer, Automated Teller, and Office Machine Repairers	714	1.1%	-11%	10%
Data Scientists and Mathematical Science Occupations, All Other	141	0.2%	88%	21%
Computer Hardware Engineers	134	0.2%	-7%	27%
Computer & Information Research Scientists	42	0.1%	-3%	49%

<https://www.middletntechjobs.com/state-of-middle-tennessee-tech-2020/>



# NSS Bootcamp Grads — unique job titles

## Data Science

Clinical SAS Programmer  
Statistical Analyst  
Market Analyst  
Data Application Engineer  
Educator Talent Management Data Analyst  
Data Scientist  
Staff Scientist  
Data Fellow  
Statistical Research Specialist/Data Analyst  
Manager of Analytics  
Data Analyst  
Business Intelligence Analyst  
Business Analyst  
Research Specialist  
Research Analyst  
Junior Data Scientist  
Data Governance Analyst  
Research Data Scientist

## Data Analytics

Payment Compliance Analyst  
Product Analyst  
SQL Analyst  
Contract Specialist  
Technology Associate  
Product BI Analyst  
Data Analyst  
Integration Engineer  
Logistics Analyst  
Data Steward  
Health Analyst  
Analytics Consultant  
Data Specialist  
Risk & Compliance Analyst  
Data Measurement & Reporting Analyst  
Project Analyst  
Data Engineer  
Cash Analyst  
Process Analyst



# NSS Bootcamp Grads (Data Science & Data Analytics)

- Accenture
- Envision Healthcare
- Velocity Risk Underwriters LLC
- TN Hospital Association
- XSOLIS
- Service Source
- National General
- Vanderbilt (VICTR)
- Meharry Data Science Institute
- MetaPhy
- Healthcare Bluebook
- Embold Health
- Smile Direct Club
- Buntin Group
- American Assoc for Cancer Research
- Comdata
- The General
- Pinnacle Financial
- Home Depot
- Cigna

- HCA/Parallon/Sara Cannon
- Ingram Content Group
- Prime Health Services
- Trexis Insurance
- KIPP
- State TN (Education & Safety)
- TN Education Research Alliance
- Amira Learning
- PhyMed
- Juice Analytics
- Eco Energy LLC
- Playmaker Health
- Clayton Homes
- Perception Health
- Martha O'Bryan Center
- Vanderbilt Enterprise Analytics
- UBS
- Children and Family Services
- EviCore
- Stratasan



# Resources for Continued Learning

FreeCodeCamp - <https://www.freecodecamp.org/learn/data-analysis-with-python/data-analysis-with-python-course/>

DataCamp - <https://www.datacamp.com/home>

SQL Tutorial - <https://www.w3schools.com/sql/>

Udemy - <https://www.udemy.com/courses/business/data-and-analytics>

Statistics - <https://www.openintro.org/book/os/>

Nashville Software School - <http://nashvillesoftwareschool.com/programs/data-science>

- data analytics
- data science



# Get Some Data and Practice!

Nashville Open Data portal - <https://data.nashville.gov/>

Data Is Plural - <https://tinyletter.com/data-is-plural/archive>

Centers for Medicare and Medicaid Services (CMS) data - <https://developer.cms.gov/data-medicare/>

Health Data - <https://healthdata.gov/>

Kaggle – <https://www.kaggle.com/datasets>

Google dataset search - <https://toolbox.google.com/datasetsearch>



# Meetup Groups

Data Science Nashville - <https://www.meetup.com/Data-Science-Nashville/>

Data Nerds - <https://www.meetup.com/Data-Nerds/>

Greater Nashville Healthcare Analytics - <https://www.meetup.com/Greater-Nashville-Healthcare-Analytics/>

PyNash - <https://www.meetup.com/PyNash/>





# Questions?

