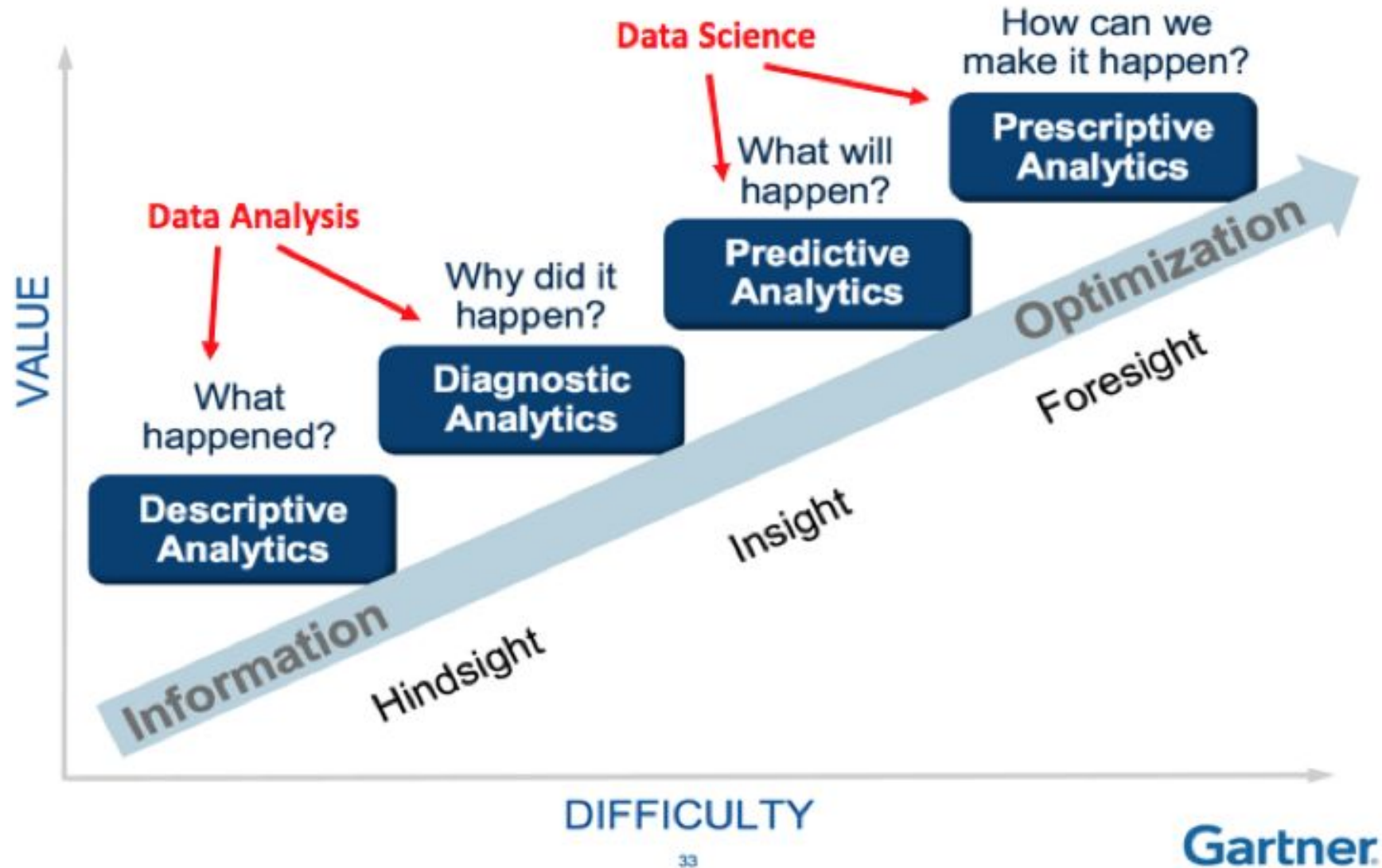# Analytics Jumpstart

Continued Learning

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/

NASHVILLE SOFTWARE SCHOOL

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

NASHVILLE
SOFTWARE
SCHOOL

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

NASHVILLE SOFTWARE SCHOOL

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?