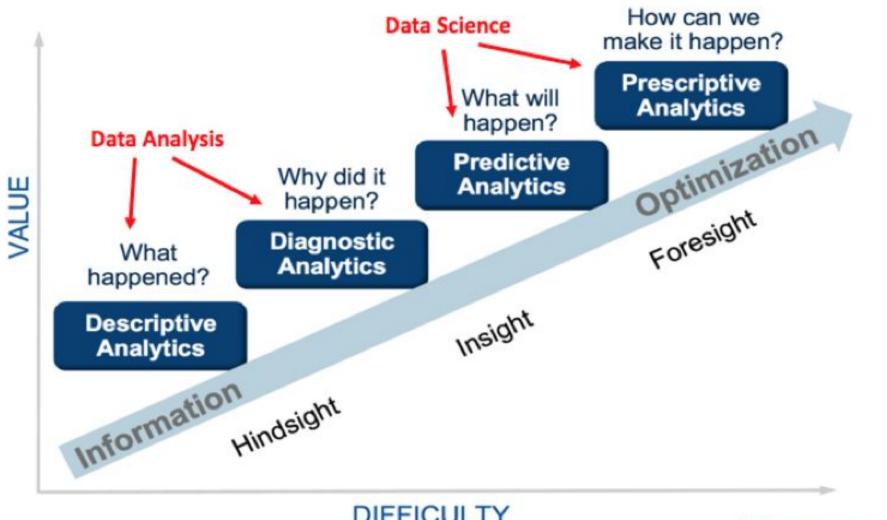
Analytics Jumpstart

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%



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?

