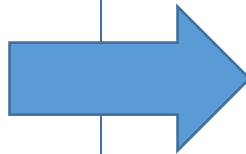


Hard Skills = *Real* Jobs

Skills / Technologies Covered:

- Advanced Excel
- Python (NumPy, Pandas, etc.)
- JavaScript (D3.js, Leaflet.js)
- HTML / CSS
- API Interactions
- Social Media Mining
- SQL
- Hadoop
- Tableau
- Advanced Statistics
- Machine Learning
- R
- Git / GitHub



Relevant Job Titles:

- Data Analyst
- Data Engineer
- Data Scientist
- Data Journalist
- Business Analyst
- SQL Developer
- Systems Engineer
- Database Administrator
- Big Data Engineer
- Business Intelligence Analyst
- Research Analyst
- Web Developer / Frontend Engineer
- Software Engineer

- Ultimately, your ability to land jobs will come down to your proficiency in **concrete, in-demand skills** and your **ability to learn new ones**.
- Recruiters may not always see it in this way, so it's up to you to show through your portfolio and interviews that you have the skills (and passion) to succeed on the job.

The Data Landscape: Skill Clusters

Business Analyst

Primary	SQL	Excel
Secondary	Tableau	PowerPoint

Data Analyst

Primary	Excel	SQL
Secondary	Tableau	PowerPoint

Data Engineer

Primary	Python / R	SQL
Secondary	JavaScript	Tableau

Data Scientist

Primary	Python / R	SQL
Secondary	Hadoop	Adv. Statistics

SQL Developer

Primary	SQL	
Secondary	Python / R	AWS

Systems Engineer

Primary	SQL	Python
Secondary	JavaScript	

Database Admin

Primary	SQL	AWS
Secondary	Tableau	Python / R

Big Data Engineer

Primary	Hadoop	SQL
Secondary	Adv. Statistics	Machine Learning

Business Intel. Analyst

Primary	Excel	Tableau
Secondary	SQL	PowerPoint

Research Analyst

Primary	SQL	Python
Secondary	Excel	Tableau

Web/Frontend Dev.

Primary	HTML/CSS	JavaScript
Secondary	SQL	

Software Engineer

Primary	Python	JavaScript
Secondary	SQL	