



# DATA SCIENCE TRENDS IN THE PROFESSIONAL WORLD

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# AGENDA

- STEP 1: MARKET TRENDS
  - STEP 2: IN-DEMAND SKILL SETS
  - STEP 3: COMPANIES HIRING DATA SCIENTIST
  - STEP 4: INTERVIEWING
  - STEP 5: BUILDING A LASTING NETWORK
- THE DATA SCIENCE COMMUNITY IN SEATTLE

# MARKET TRENDS

- INVESTMENT IN DATA SCIENCE BY FORTUNE 500 COMPANIES
  - WHY?
- IMPACT ON THE MARKET PLACE
- WHAT THIS MEANS TO YOU

# COMPANIES HIRING DATA SCIENTIST

- Microsoft
  - Data Scientist (\$119,000/year)
  - Data Visualization Analysts (\$91,000/year)
- T-Mobile
  - Data Scientist (\$100,000/year)
  - Business Intelligence Analyst
- Nike
  - Data Scientist (\$113,000/year)
  - Business Intelligence Analyst (\$95,082/year)
  - Data Visualization Analysts
  - Business Intelligence Architect

# IN-DEMAND SKILL SETS

- MACHINE LEARNING, STATISTICAL MODELING, AND PREDICTIVE ANALYTICS
- QUANTITATIVE ANALYSIS AND HYPOTHESIS GENERATION
- DATA VISUALIZATION, DATA MINING, DATA MODELING, DATA PIPELINE OPTIMIZATION
- BIG DATA PLATFORMS
- COMPUTER PROGRAMMING SKILLS

# MARKETING YOURSELF

- INTERVIEWING:
  - How do you prep? What projects should you include?
- RESUME WRITING:
  - What's important to include?



# INTERVIEWING

- PRESENTATION
- RESEARCHING THE COMPANY
- BE PREPARED TO DISCUSS YOUR EXPERIENCE IN DETAIL
  - ALWAYS ANSWER QUESTIONS WITH AN EXAMPLE.
- DIFFERENTIATE YOURSELF – REMEMBER THE WHY?
- COME PREPARED WITH QUESTIONS
- BE YOURSELF!!

# RESUME WRITING

- HEADING
- EDUCATION
- TECHNICAL SKILLS/PROJECTS
- WORK EXPERIENCE
- LEADERSHIP ROLES
- COMMUNITY SERVICE
- AWARDS AND RECOGNITION

**BE SPECIFIC AND SOLUTION ORIENTED!!**



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# QUESTIONS

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