

CAREER PATHWAY: RESEARCH AND DEVELOPMENT ANALYST



What do they do? Formulate and apply mathematical modeling and other optimizing methods to develop and interpret information that assists management with decision making, policy formulation, or other managerial functions.

People with these roles and responsibilities are also called: Operations Research Analyst, Operations Research Manager, Scientist, Analytical Strategist, Business Analytics Director, Business Insight and Analytics Manager, Decision Analyst, Associate – Analytics and Research

Some typical job duties include:

- Define data requirements and gather and validate information, applying judgment and statistical tests and/or actuarial research techniques.
- Collaborate with senior managers and decision makers to identify and solve a variety of problems and to clarify management objectives.
- Perform validation and testing of models to ensure adequacy and reformulate models as necessary.
- Prepare management reports defining and evaluating problems and recommending solutions.



HOW MUCH DO THESE JOBS PAY IN OHIO?

AVERAGE:
\$80,580

MOST IMPORTANT OCCUPATIONAL SKILLS

Basic Skills: Mathematics, Critical Thinking, Reading Comprehension

Social Skills: Coordination, Instructing, Social Perceptiveness

Problem Solving Skills: Complex Problem Solving

Technical Skills: Operations Analysis, Programming

System Skills: Judgment and Decision Making, Systems Analysis, Systems Evaluation

Resource Management Skills: Time Management, Management of Personnel Resources, Management of Financial Resources

CAREER PATHWAY AND EDUCATIONAL REQUIREMENTS



CERTIFICATIONS THAT CAN HELP YOU ADVANCE:

Microsoft SQL Server
Microsoft

SAS Certified Statistical Business Analyst
SAS Institute