<https://www.linkedin.com/jobs/view/3452456005>

* 5+ years’ experience in Operations Research discipline
* 5+ years’ of development of innovative methods of advance OR, Analytics and other complex mathematical modeling to solve business problem and corresponding software development
* **5+ years recent experience as a primary point of application accountability for an application with extensive OR or modeling component**
* **Demonstrated expertise in identifying Operations Research solutions that improve companies’ bottom line**
* Proven track record of leading large teams and initiatives from inception through delivery, in both waterfall and agile frameworks.
* Strong verbal and written communication skills with ability to communicate technical and OR concepts and solutions to a broader audience, including Senior Leadership and business teams.
* Graduate degree in Operations Research or related field (Management Science, Economics, Statistics, Mathematics, or Engineering) OR equivalent experience

**Preferred:**

* Demonstrated success leading medium- to large-scale initiatives/transformations
* Expert knowledge of hospitality industry and business processes
* Demonstrated expertise of Revenue Management, hospitality, industry application platforms, trends and best practices
* Experience with performing predictive modeling, forecasting, or statistical analysis on large scale datasets
* Demonstrated ability to assess customer/client needs, creatively approach solutions, decide and influence appropriate courses of action
* Demonstrated success leading medium- to large-scale initiatives/transformations
* Good process management, negotiating, influencing and problem resolution skills
* Proven ability to effectively prioritize and execute tasks in a high-pressure environment
* Ability to understand and communicate the lifecycle of technologies, OR solutions and applications and to translate into business strategies for the client organizations.
* Solid understanding of IT financial structures and ability to manage to corporate financial processes and standards - including drivers of process costs

[**https://www.linkedin.com/jobs/view/3422772521/**](https://www.linkedin.com/jobs/view/3422772521/)

**Why Work for Frontier Airlines?**

**What Will You Be Doing?**The Data Scientist, Pricing & Revenue Management Decision Science will be joining a team that works to deliver solutions to address business problems by employing operations research, statistical, machine learning, product management, data engineering and programming skills. The Data Scientist will see the direct impact of their own work and will work in an environment where suggesting new ideas and approaches is encouraged. Partnering with different teams in the Pricing and Revenue Management (PRM) department, the Data Scientist will work to understand business problems, research, and deploy solutions ranging from process automation to identifying valuable new insights in data and working to deploy a model to capture value from those insights. The Data Scientist and Decision Science team will focus on driving continuous improvement of the systems, processes, tools, team and self.  
  
**Essential Functions**

* Design, execute, and deliver advanced quantitative analyses and models using operations research, statistical, machine learning, product management, and programming skills to drive decision-making and actions, either by analysts or by systems
* Employ data engineering and programming skills to clean data, create data flows and pipelines for models to run, and deploy them to production
* Collaborate with partner teams (pricing, yield management, ancillary, etc.) to more deeply understand the issues trying to be addressed and enhance existing and create new production models and automated solutions
* Share and present the results of analyses and models with stakeholders including upper level management
* Work primarily in Python, SQL, or other coding languages
* Develop hypotheses to test and understand what can and cannot be inferred from the results
* Mentor and collaborate with other team members
* Create and maintain code standards, participate in code reviews, and document workflows, models, and code
* Assist with reporting as needed

**Other Functions**

* List those functions that are marginally important to the position.

**Qualifications**

* Bachelor’s Degree or higher in Economics, Computer Science, Statistics, Mathematics, Engineering, or related field required;
* Master’s degree in Computer Science, Data Science, Business Analytics, or other analytically focused programs preferred
* Previous professional use of SQL, Python, R or other coding languages
* Previous professional use of statistical analysis required
* 2-5 years of relevant professional experience
* Experience in an airline pricing, yield- or revenue management, revenue analytics, revenue systems, or similar role preferred.

**Knowledge, Skills And Abilities**

* Proven ability to independently perform quantitative analysis and model development
* Able to apply concepts from economics and pricing management to coding models and analytical products
* Able to efficiently summarize analytic approaches and products and present insights and actions to upper management
* Understanding of operations research, statistical, machine learning, product management, and/or programming solutions and techniques
* Able to effectively deploy data engineering solutions
* Excellent analytical and quantitative skills
* Excellent written and verbal communications skills
* Must have good attention to detail for reporting and analysis
* Ability to work collaboratively with other departments, partners and staff

**Equipment Operated**Standard office computer equipment

eneral Direction: The incumbent normally receives little instruction on day-to-day work and receives general instructions on new assignments.  
  
**Positions Supervised**None  
  
**Salary Range***$84,280.00 - $105,350.00*

<https://www.linkedin.com/jobs/view/3451585879>

***Key Responsibilities:***

* Partner with other data scientists to design and develop advanced optimization and machine learning models that drive improvements in trading execution and efficiency.
* Work closely with business partners to translate their ideas and requirements into well-formed optimization problems that enable hyper-personalized investments for our clients.
* Interpret and communicate findings and recommendations to stakeholders, translating solutions into meaningful value propositions. Clear communication without technical jargon is important to success.
* Partner with data engineers and digital product owners to scale and deploy your models into systems.
* Act as a mentor and help your teammates learn and grow.
* Stay up to date with industry trends and best practices in optimization techniques and tools.

**Skills-Requirements**

* Master's Degree in quantitative or related field such as: Operations Research, Applied Mathematics, Statistics, Computer Science, or related field required. PhD preferred
* 9+ years professional experience

***Highly preferred:***

* Experience with numerical optimization, and working with typical data used in such models
* Hands on experience with CPLEX | Gurobi | scipy.optimize | etc.
* Proficient in one or more programming languages (Python, R, Scala)

<https://www.linkedin.com/jobs/view/3440080418>

The primary responsibilities of this role, Ops Research & Simulation Coop, are to:

* Develop strategies to identify new opportunities and expand existing methods, provide insights, and build practical solutions to complex business problems;
* Apply advanced analytics skills to turn data into competitive advantage and make recommendations for data driven business decisions.

**Who You Are**

Your success will be driven by your demonstration of our LIFE values. More specifically related to this position, Bayer seeks an incumbent who possesses the following:

Required Qualifications:

* Pursuing a Master in Science (M.S.) or Doctoral (Ph.D.) degree in Operations Research, Engineering, Management Science, Mathematics, or another related quantitative discipline;
* Experience delivering analytics solutions to complex business problems;
* Experience in theoretical and practical in deterministic optimization and algorithm development related to operations management is a requirement;
* Experience with commercial optimization software (ex. CPLEX or Gurobi) and/or commercial simulation software (e.g., AnyLogic);
* Expertise in programming, statistical packages, and database languages (ex. Java, R, Python, Scala, SQL and OPL);
* Demonstrate experience in optimizing demand, supply, and network flow challenges related to planning, scheduling, space utilization, and customer service levels;
* Demonstrate problem solving experience analyzing complex data using statistical and advanced analytical methods to deliver predictive and prescriptive insights;
* Exemplify exceptional organizational, interpersonal, and written communication skills;
* Ability to work in a matrix environment and influence people at varying levels of responsibility;
* Demonstrate business aptitude: able to rapidly learn new problem domains and become conversant in the domain with business users.

Preferred Qualifications:

* Experience in supply chain management, agriculture, and/or laboratory science;
* Hands on experience using IBM DOC framework;
* Experience with software development and architecture related to operations research, artificial intelligence, and machine learning.

<https://www.linkedin.com/jobs/view/3451586559>

***Key Responsibilities:***

* Partner with other data scientists to design and develop advanced optimization and machine learning models that drive improvements in trading execution and efficiency.
* Work closely with business partners to translate their ideas and requirements into well-formed optimization problems that enable hyper-personalized investments for our clients.
* Interpret and communicate findings and recommendations to stakeholders, translating solutions into meaningful value propositions. Clear communication without technical jargon is important to success.
* Partner with data engineers and digital product owners to scale and deploy your models into systems.
* Act as a mentor and help your teammates learn and grow.
* Stay up to date with industry trends and best practices in optimization techniques and tools.

**Skills-Requirements**

* Master's Degree in quantitative or related field such as: Operations Research, Applied Mathematics, Statistics, Computer Science, or related field required. PhD preferred
* 9+ years professional experience

***Highly preferred:***

* Experience with numerical optimization, and working with typical data used in such models
* Hands on experience with CPLEX | Gurobi | scipy.optimize | etc.
* Proficient in one or more programming languages (Python, R, Scala)

<https://www.linkedin.com/jobs/view/3430070890>

**Key Responsibilities**

* Develop optimization models for scheduling of thousands of resources across a global operation
* Develop models to optimize operations and business process to improve performance, reduce cycle time, and shrink costs
* Structure and break down complex business problems, develop hypothesis, drive analysis and deliver recommendations in a data-driven manner
* Work collaboratively across a cross-functional set of stakeholders to gather the right information, pressure test your hypothesis, co-create deliverables, accelerate execution and unlock value
* Select and apply appropriate operations research, machine learning, and simulation methods to analyze and model large scale business data

**Key Requirements**

* A minimum of 5 years of experience developing and deploying advanced optimization models to solve practical business problems
* Expert in mathematical optimization and decomposition of complex problems for custom solutions
* Experience with optimization solvers like Gurobi or Cplex
* Programming experience in Python and/or R, including common data science libraries (e.g. pandas, numpy), SQL
* Experience in scheduling and routing/workflow simulation and optimization problems
* Experience formulating and solving mixed integer linear, non-linear, constraint programming models, heuristic optimization methods, and simulation methods
* Excellent oral and written communication, organizational, analytical, and interpersonal skills
* Detail oriented, able to connect the dots and communicate complex ideas effectively
* Experience in applying machine learning and other analytic techniques to solve business problems

**Education**

* Operations Research Masters or PhD degree

**Experience**

* 7-10 years relevant work experience, preferably in the Semiconductor industry or consulting

**Qualifications**

Education:

Bachelor's Degree

**Skills**

Certifications:

Languages:

Years of Experience:

7 - 10 Years

Work Experience:

Additional Information

Travel:

Yes, 10% of the Time

Relocation Eligible:

Yes

**U.S. Salary Range:**

$108,000.00 - $148,500.00

<https://www.linkedin.com/jobs/view/3441588044/>

**The Role**This is a full-time, fully-remote position as a Credit Risk Data Scientist. In this role, you will:

* Use analytics and statistical modeling to understand and operationalize drivers of credit risk.
* Own the end-to-end development lifecycle of credit risk models, from prototyping and testing to deployment in production.
* Be the link between the data science & risk functions, working closely with both to improve risk modeling for Pipe's revolutionary asset class.
* Work with our Sales and Marketing teams to originate deals with the right risk profile.

**Qualifications**We are looking for talented data scientists with past experience in a similar role. Specifically, ideal candidates will have:

* Experience in credit risk and/or quantitative finance. Prior work in SMB underwriting is a plus.
* Proficiency in SQL and at least one scripting language.
* Sound fundamentals in probability and statistics.
* Familiarity with analyzing financial statements.
* Bachelor's degree in Financial/Applied Math, Operations Research, Economics, and/or Statistics. Masters/PhD is a plus.
* Strong written and verbal communication skills.

In general, you will be successful at Pipe if:

* You want to join a quickly growing startup and make an impact.
* You want to be part of a team that holds each other to high standards.
* You have a strong technical foundation, and are passionate about using your toolkit to help our customers succeed.
* You take end-to-end ownership of your work and enjoy working with different functions across the company.
* You have strong written and verbal communication skills.
* You want to work in an environment that values and rewards excellence.

Many good candidates do not fit job descriptions perfectly. If you believe you are a good fit, we encourage you to apply. Pipe is an equal opportunity employer: we do not discriminate. Inclusion is important to us and we hope it is to you, too.  
  
**Tech Stack**We are committed to using the right tools for the problems we are trying to solve. Currently our stack is mostly comprised of:

* PostgreSQL, Bigquery, Spark, Superset, Baseten, Dataform
* We are primarily a Python and Go shop, but experience in other languages will translate. As an early member of the data science team at the company, you will have the opportunity to define our stack for the future as well.

[**https://www.linkedin.com/jobs/view/3348396460**](https://www.linkedin.com/jobs/view/3348396460) **Responsibilities**

* Contribute to existing OR algorithms and engines , in the form of codebase maintenance, feature development, and algorithmic innovations
* Master existing business models and algorithmic toolsets; contribute to or lead the innovation of next-gen models and algorithms
* Stay up to date on cutting-edge technical developments and the state-of-the-art in the domain while balancing support of existing technology with new analytical ideas and solutions
* Leverage knowledge of Wheels Up’s dynamic and evolving business to offer new optimization-based ideas and tools that solve real problems throughout our operations and business
* Effectively communicate technical subject matters to various stakeholders with varying and diverse degrees of technical proficiency
* Collaborate with engineering, product, operations, and business teams to help prioritize and deliver on technology roadmap

**Qualifications**

**Qualifications**

* Advanced Degree (preferably Ph.D.) in Operations Research or a related field such as Applied Math, Computational Physics, Industrial Engineering, or Computer Science
* 3+ years of industrial experience post-academia, applying OR and/or Data Science methodologies preferably in a logistical business domain
* Strong programming experience in production environments using C/C++ and/or Python
* Experience with common engineering areas and architectural components around OR methodologies ; for instance, relational DB's , cloud-computing environments , ETL and reporting/BI tools, etc.
* Comfortable with one or more modern solver libraries such as Gurobi or Xpress