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HOCKEY DATA SCIENTIST

at The Florida Panthers ([View all jobs](#))

Amerant Bank Arena, Sunrise, FL

The Florida Panthers are a community focused organization led by an authentic management team that served our country and now serves the South Florida community. The organization is on the rise and is experiencing success both on and off the ice. Led by General Manager Bill Zito, the Panthers are coming off their best season in franchise history. Off the ice, the business is experiencing growth across all key metrics and our revenue is at an all-time high. The organization is expanding outside of Amerant Bank Arena via the renovation of the FTL War Memorial/Baptist Health IcePlex in downtown Fort Lauderdale. This state-of-the-art ice facility will feature two regulation-size rinks, including a team practice rink with stadium seating, the Panthers' new practice facilities spanning over 33,000 sq.ft. of offices and off-ice training facilities, and a 4,000-capacity music theatre for live entertainment. The future is bright, and we are very proud of what we are building in South Florida.

Job Title: Hockey Data Scientist

Department: Hockey Operations

Reports To: Assistant General Manager and Head of Analytics

FLSA: Exempt

Employment Type: Full-Time

Location: Amerant Bank Arena, Sunrise, Florida

Job Summary:

While the art and science of leveraging data for insights in sports has been around for decades, there is still a tremendous amount of room for innovation in the hockey world. This is your chance to join one of the franchises in the NHL that is at the tip of the spear when it comes to implementing data into the hockey operations decision-making cycle. The Florida Panthers are looking for a data scientist in the early part of their career to contribute energetically to this effort. You will be critical to the franchise's future success while also serving as a key member of the growing Hockey Data Science Team.

Essential Duties & Responsibilities:

Specific duties include but are not limited to:

- Utilize various hockey data sources, including new spatiotemporal tracking data, to build predictive statistical models which will aid in decision making pertinent to player acquisition, roster construction, and many other areas of Hockey Operations
- Create customized reports, visualizations, and dashboards designed to ease the data interpretation process
- Work with Data Engineers and the entire Data Science team to help with the acquisition of data using automated coding pipelines

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- Interface with other members of Hockey Operations to assist in the delivery and translation of information

Qualifications:

- Fluency in Python and R, particularly as it pertains to a wide array of statistical modeling methods such as Generalized Linear Models, Bayesian hierarchical or mixed effects models, Tree-based methods, Gaussian Processes, and Neural Networks
- Experience working with datasets larger than a terabyte
- Undergraduate level understanding of linear algebra and calculus
- Ability to create useful data visualizations and deploy them to web applications
- General data acquisition, SQL, scraping, wrangling, and cleaning competence
- Strong communication and interpersonal skills
- Extensive hockey knowledge and experience, playing or otherwise

Position Type/Expected Hours of Work:

This is an exempt (salary) position located in Sunrise, FL. Must be able to work flexible hours, nights, weekends, and holidays as needed or required by the demands of the NHL schedule.

At the Florida Panthers Hockey Club, Arena Operating Company, Panthers IceDen, Sanza Food Service, War Memorial Benefit Corporation, and FLA Team Shop, we strive to make every employee feel valued and respected for who they are and the unique contributions they make. We believe that a diverse and inclusive company is a more innovative and successful company, which is why we aim to infuse diversity, equity, and inclusion (DE&I) into all aspects of our culture and our business.

We welcome all to apply and join our team.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, creed, gender, gender identity or expression, age, national origin or ancestry, citizenship, disability, sexual orientation, marital status, pregnancy, veteran status, membership in the uniformed services, genetic information, or any other basis protected by applicable law.

Apply for this Job

* Required

First Name *

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Resume/CV * [Attach](#), [Dropbox](#), [Google Drive](#), or enter manually
(File types: pdf, doc, docx, txt, rtf)



Cover Letter [Attach, Dropbox, Google Drive, or enter manually](#)
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Degree

Start Date

End Date

[+ Add another education](#)

PLEASE BE HONEST, AS YOUR FOLLOW-UP WILL BE STRUCTURED ACCORDING TO YOUR
ANSWERS TO THESE QUESTIONS *

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On a scale of 1 to 10, with 10 being the best, how would you rate your skillset in building statistical
and machine learning models in Python or R? *

Please briefly describe some of your experiences building statistical and machine learning models in
Python or R. *

On a scale of 1 to 10, with 10 being the best, how would you rate your experience working with
datasets larger than a terabyte? *

Please share your experience working with datasets larger than a terabyte. *

On a scale of 1 to 10, with 10 being the best, how would you rate your knowledge in linear algebra and calculus? *

When would you be available to start? *

In your own words, please give a simple explanation of Singular Value Decomposition and why it might be useful. *

What are some pitfalls of using Linear Regression in the real world, and what can be done to address them? *

On a scale of 1 to 10, with 10 being the best, how would you rate your knowledge of hockey and/or hockey analytics? *



Please share your experience with hockey and/or hockey analytics. *

Are you legally authorized to work in the US? *

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Have you ever worked for us before? *

--

How did you hear about us? *

What are your desired salary expectations? *

Would you have to relocate for this job? *

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Voluntary Self-Identification

For government reporting purposes, we ask candidates to respond to the below self-identification survey. Completion of the form is entirely voluntary. Whatever your decision, it will not be considered in the hiring process or thereafter. Any information that you do provide will be recorded and maintained in a confidential file.

As set forth in The Florida Panthers's Equal Employment Opportunity policy, we do not discriminate on the basis of any protected group status under any applicable law.

Gender

Please select

Are you Hispanic/Latino?

Please select

Race & Ethnicity Definitions

If you believe you belong to any of the categories of protected veterans listed below, please indicate by making the appropriate selection. As a government contractor subject to the Vietnam Era Veterans Readjustment Assistance Act (VEVRAA), we request this information in order to measure the effectiveness of the outreach and positive recruitment efforts we undertake pursuant to VEVRAA. Classification of protected categories is as follows:

A "disabled veteran" is one of the following: a veteran of the U.S. military, ground, naval or air service who is entitled to compensation (or who but for the receipt of military retired pay

would be entitled to compensation) under laws administered by the Secretary of Veterans Affairs; or a person who was discharged or released from active duty because of a service-connected disability.

A "recently separated veteran" means any veteran during the three-year period beginning on the date of such veteran's discharge or release from active duty in the U.S. military, ground, naval, or air service.

An "active duty wartime or campaign badge veteran" means a veteran who served on active duty in the U.S. military, ground, naval or air service during a war, or in a campaign or expedition for which a campaign badge has been authorized under the laws administered by the Department of Defense.

An "Armed forces service medal veteran" means a veteran who, while serving on active duty in the U.S. military, ground, naval or air service, participated in a United States military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985.

Veteran Status

Voluntary Self-Identification of Disability

Form CC-305
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OMB Control Number 1250-0005
Expires 04/30/2026

Why are you being asked to complete this form?

We are a federal contractor or subcontractor. The law requires us to provide equal employment opportunity to qualified people with disabilities. We have a goal of having at least 7% of our workers as people with disabilities. The law says we must measure our progress towards this goal. To do this, we must ask applicants and employees if they have a disability or have ever had one. People can become disabled, so we need to ask this question at least every five years.

Completing this form is voluntary, and we hope that you will choose to do so. Your answer is confidential. No one who makes hiring decisions will see it. Your decision to complete the form and your answer will not harm you in any way. If you want to learn more about the law or this form, visit the U.S. Department of Labor's Office of Federal Contract Compliance Programs (OFCCP) website at www.dol.gov/ofccp.

How do you know if you have a disability?

A disability is a condition that substantially limits one or more of your "major life activities." If you have or have ever had such a condition, you are a person with a disability. **Disabilities include, but are not limited to:**

- Alcohol or other substance use disorder (not currently using drugs illegally)
- Autoimmune disorder, for example, lupus, fibromyalgia, rheumatoid arthritis, HIV/AIDS
- Blind or low vision
- Cancer (past or present)
- Cardiovascular or heart disease
- Celiac disease
- Cerebral palsy
- Deaf or serious difficulty hearing
- Diabetes
- Disfigurement, for example, disfigurement caused by burns, wounds, accidents, or congenital disorders
- Epilepsy or other seizure disorder
- Gastrointestinal disorders, for example, Crohn's Disease, irritable bowel syndrome
- Intellectual or developmental disability
- Mental health conditions, for example, depression, bipolar disorder, anxiety disorder, schizophrenia, PTSD

- Missing limbs or partially missing limbs
- Mobility impairment, benefiting from the use of a wheelchair, scooter, walker, leg brace(s) and/or other supports
- Nervous system condition, for example, migraine headaches, Parkinson's disease, multiple sclerosis (MS)
- Neurodivergence, for example, attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder, dyslexia, dyspraxia, other learning disabilities
- Partial or complete paralysis (any cause)
- Pulmonary or respiratory conditions, for example, tuberculosis, asthma, emphysema
- Short stature (dwarfism)
- Traumatic brain injury

Disability Status

PUBLIC BURDEN STATEMENT: According to the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. This survey should take about 5 minutes to complete.

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