



# City of Seattle Boards & Commissions Notice of Appointment

**Appointee Name:** Dei'Marlon Scisney

**Board or Commission Name:** *Community Technology Advisory Board*

**Position Title:** *Member at Large*

Appointment       Reappointment      \*Term of Position: 1/1/2026 to 12/31/2027

*Serving partial term (eligible for full terms thereafter)*

**Appointing Authority:**  City Council     Mayor     Other: *Insert Appointing Authority*

**City Council Confirmation Required?**       Yes       No

**Residential Neighborhood:** *Lake City*

**Appointee brief overview:**

Dei'Marlon "D" Scisney is a data engineer and social impact leader, serving as President of Scisney Social Impact, an 8-person data and ML engineering firm that helps businesses leverage data for growth and equity. As Treasurer of the Central District Community Preservation and Development Authority (CDCPDA), Dei'Marlon oversees \$25 million in capital projects that preserve Seattle's cultural legacy while fostering economic development. On the Citizens Technical Advisory Board (CTAB), Dei'Marlon brings his expertise in data equity, machine learning, and community-driven solutions. He plans to enhance CTAB's focus on bridging the digital divide by advocating for accessible technology and equitable digital infrastructure in underserved communities. His vision is to ensure technology innovation benefits all Seattle residents, particularly BIPOC communities. With a Master of Science in Data Engineering and PMP, Dei'Marlon has led impactful initiatives like the \$200M Community Reinvestment Project with Commerce, LCB's Cannabis Industry Needs Assessment, Seattle Public Utilities (SPU) Green Stormwater Infrastructure Project, and other social impact and equity analytics projects. His work connects data, business, and community to drive social change through data-driven solutions. Data is more than numbers; it is the key to understanding the challenges marginalized communities face and enables us to shape policies that directly target and dismantle those challenges.

**Appointing Authority Signature:**

**Date Signed:** 5/21/26

**Appointing Authority Printed Name and Title:**

*Katie B. Wilson  
Mayor of Seattle*

*\*For most boards and commissions, the term begin and end date is fixed and tied to the position and not the appointment date.*

# Dei'Marlon Scisney MS, PMP

## PROFILE

Data Systems Leader with 7 years of experience designing and optimizing data solutions to drive strategic initiatives, support cross-departmental collaboration, and enhance decision-making. Adept at transforming complex business and analytics requirements into scalable, repeatable data architectures, ensuring efficiency and reliability across all data processes. With extensive expertise in AWS products such as Redshift for data warehousing, SageMaker for machine learning model development, and Lambda for serverless event-driven tasks, I build robust, scalable solutions that address challenges like predictive analytics and anomaly detection. I'm highly proficient in developing and managing data pipelines using SQL and Python, automating workflows for seamless data integration and maintaining data integrity across various business functions. I have partnered with HR and Finance teams to convert business needs into technical solutions, ensuring alignment with organizational goals. A strong advocate for automated testing frameworks, I design systems that continuously monitor data quality and validate accuracy. Additionally, I'm experienced in refining data models from ambiguous requirements and delivering actionable insights through BI tools like Tableau. With expertise in integrating data from systems such as Workday, Qualtrics, and LMS platforms, I create analytics solutions that drive business value, consistently bridging the gap between data engineering and business strategy to foster growth and efficiency.

## EDUCATION

B.A.: Data Science and Organizational Leadership Minors: Spanish and Gender Studies from Wabash College, Crawfordsville, IN.

GPA: 3.84

MS: Data Engineering and Systems Management from Johns Hopkins, Baltimore, MD

GPA: 3.93

Fluent: English, Spanish, ASL

## TECHNICAL SKILLS

Specialized in modern data strategy, with a focus on scalable data ingestion, storage, processing, and visualization, applying an equity-centered framework to drive social impact. Expert in designing cloud-native architectures using AWS services (Redshift, S3, Lambda, Glue) to build data lakes, big data warehousing, and highly scalable ETL pipelines. Proficient in real-time and batch data processing technologies such as Kafka and Kinesis, ensuring high throughput, low latency, and data integrity across complex systems. Skilled in advanced machine learning techniques, including clustering (K-Means, DBSCAN), decision trees, neural networks (CNN, RNN), and large language models (GPT), applied to predictive analytics and anomaly detection, with a focus on addressing inequities and driving inclusive data solutions.

Deep expertise in data governance, ensuring compliance with GDPR, CCPA, and other regulatory frameworks, while implementing ethical data management practices tailored to marginalized communities. Extensive experience with data visualization tools (Tableau, Power BI), crafting dynamic, KPI-driven dashboards that promote data accessibility and transparency for leadership and underrepresented stakeholders. Proven ability to integrate CRM platforms, automate data validation and quality processes, and lead cross-functional teams in aligning technical solutions with organizational goals centered around social impact, diversity, equity, and inclusion (DEI).

## PROFESSIONAL EXPERIENCE

**CEO/Founder, H.O.P. Technology Solutions**

July 2021 – Present

- Founded H.O.P. Technology Solutions, a data and machine learning engineering firm. Successfully developed and deployed scalable data systems across government, utilities, and financial services sectors, automating workflows, improving forecasting accuracy, and driving key decision-making processes. Delivered over \$300M in data-driven solutions, reducing manual processes by 40% and optimizing operational efficiency by 35%, while adhering to industry standards and DEI principles.
- Led the \$200M Community Reinvestment Project (CRP) for the Washington State Department of Commerce, implementing advanced real-time analytics, predictive modeling, and multi-channel data ingestion using AWS Redshift and SageMaker. Delivered actionable insights for resource allocation and financial tracking across 18 grant programs, directly impacting over 30,000 BIPOC community members. Increased financial oversight accuracy by 25% and reduced manual tracking errors by 50%, while ensuring equitable distribution of funds to historically marginalized communities.
- Directed data strategy for Seattle Public Utilities' Green Stormwater Infrastructure Program, a project targeting BIPOC and immigrant communities for environmental impact improvements. Engineered a multi-terabyte data pipeline using Databricks and AWS, providing real-time environmental assessments and predictive modeling to inform resource allocation. This project led to an 18% increase in stormwater management efficiency, and data insights were used to allocate over \$10M in community-driven green infrastructure projects.
- Engineered a citywide technology access survey in partnership with Seattle Public Schools, Seattle Housing Authority, and City of Seattle. Built a comprehensive data pipeline that collected and analyzed responses from over 50,000 residents, informing equitable access strategies for underrepresented communities. Generated data that led to a 35% improvement in technology access initiatives, impacting education and community-based organizations.
- Managed a \$30M participatory budgeting initiative with the Seattle Office for Civil Rights, focusing on community-led projects such as the creation of mental health crisis response teams and community centers for Native youth. Developed data models to track financial distribution, community impact, and engagement levels, leading to a 20% increase in project implementation efficiency and higher accountability in fund management.

**Sr. Data & ML Engineer (L6 SME), AWS**

January 2020 – July 2021

- Architected and deployed advanced machine learning pipelines using AWS SageMaker for model training and Redshift for scalable data warehousing, significantly improving the accuracy of predictive analytics. These solutions optimized financial forecasting and operational analytics, enabling cross-functional teams to make data-driven decisions that increased operational efficiency by 30%. Led the initiative to reduce manual overhead in data management processes, automating workflows that resulted in a 40% increase in productivity.
- Designed and implemented real-time data workflows leveraging AWS Glue for ETL, Spark for distributed processing, and Snowflake for high-performance storage. These pipelines enabled seamless ingestion and transformation of multi-terabyte datasets, supporting large-scale machine learning models. The real-time analytics generated from these workflows improved decision-making for internal teams, driving a 28% increase in workflow efficiency and significantly enhancing data integration across systems.
- Developed MLOps frameworks incorporating automated CI/CD pipelines, enabling continuous model integration and deployment across teams. Utilized MLflow for experiment tracking, model versioning, and governance, ensuring full compliance with stringent data governance standards. Deployed containerized applications using Docker and Kubernetes to scale models across distributed environments, resulting in a 50% reduction in deployment time and ensuring resilience and scalability in data systems. This experience aligns with the system development and governance requirements of the Associate Director role, focusing on seamless integration and long-term scalability.

**Data Engineer (L5), Analytics, AWS**

January 2017 – December 2019

- Engineered automated data pipelines using Python, PySpark, and advanced SQL to streamline ETL processes and manage multi-terabyte datasets across distributed environments. Integrated real-time data ingestion through AWS Kinesis for streaming analytics and AWS Lambda for on-demand computation, ensuring rapid data flow across key operational systems. These pipelines enabled cross-functional teams to access real-time insights, leading to a 20% improvement in operational efficiency and enhancing the ability to monitor critical metrics at scale.
- Designed and implemented CI/CD pipelines for continuous integration and deployment of machine learning models, utilizing Jenkins for automation, Docker for containerization, and Kubernetes for orchestration. This approach ensured highly scalable, fault-tolerant deployments, aligning with the organization's need for resilient data

systems. The optimized workflow increased deployment speed by 40% and improved system reliability, reducing manual interventions and enabling teams to maintain seamless integration between data systems and analytics workflows.

- Enhanced internal data tooling to streamline engineering efforts and improve overall system reliability. Developed solutions that reduced support volume by 25%, minimized operational bottlenecks, and enabled teams to respond more efficiently to emerging data trends. These efforts focused on delivering scalable, integrated data systems that aligned with the organization's long-term data strategy, ultimately supporting cross-functional collaboration and data-driven decision-making.

**Data Scientist, AWS**

June 2015- January 2017

- Conducted advanced data analysis using SQL and Python, synthesizing data from multiple internal systems to produce detailed reports that drove strategic decisions. Delivered actionable insights that optimized financial forecasting models, improved anomaly detection systems, and enhanced operational performance. These initiatives directly contributed to a 37% increase in forecasting accuracy and streamlined key performance metrics, which aligns with the organization's goal of leveraging data systems to improve decision-making and operational efficiency.
- Led cross-functional collaboration to refine and optimize the deployment of machine learning models, implementing CI/CD pipelines for continuous integration and automated deployment. This improved model iteration speed by 42%, enhanced scalability, and ensured seamless integration into production environments. These efforts supported the development of reliable, scalable systems, ensuring alignment with the organization's strategic goal of improving system productivity and employee experience through efficient, data-driven solutions.

## LEADERSHIP EXPERIENCE

**Treasurer, Central District Community Preservation Development Association (December 2021 - Present):** Oversaw financial management and resource allocation for a \$25M capital campaign, ensuring fiscal responsibility and transparency. Implemented data-driven financial oversight processes that improved decision-making and increased accountability across the organization. Led efforts to secure multi-year funding from private donors and government grants, enhancing the organization's capacity to deliver on its mission of community preservation and development. Developed financial dashboards to provide real-time insights into budget allocation and capital utilization, contributing to a 20% improvement in resource tracking and management.

### **Digital Equity Learning Network (DELN) (2020 - Present):**

Actively participating in advancing digital equity initiatives across Seattle, focusing on closing the digital divide through policy recommendations, and educational outreach. Supported efforts to increase access to technology and the internet for low-income and BIPOC communities, particularly through partnerships with local non-profits and educational institutions.

**Board Member, Equitable Transit-Oriented Development (ETOD) Advisory Group (2023- Present):** Advised on the integration of transit-oriented development strategies with environmental justice goals, ensuring that BIPOC and low-income communities benefit equitably from green transit projects. Provided technical guidance on the intersection of data analytics and urban planning, focusing on increasing community involvement in environmental impact assessments and resource distribution. Worked with stakeholders to ensure environmental sustainability was prioritized in housing and transit infrastructure developments, aligning with carbon reduction and climate justice outcomes.

### **Guest Lecturer, Seattle Central College - Analytics Course (2023-Present):**

Taught core analytics concepts, effectively connecting academic theory with real-world data science applications. Guided students through practical, hands-on projects using industry-standard tools like Python, SQL, GIS, and Tableau, fostering a deep understanding of data analysis, visualization, and statistical modeling. Emphasized the critical importance of data governance, ethical considerations, and the integration of DEAI principles, preparing students to apply these frameworks in professional analytics roles.

## CERTIFICATIONS

PMP, Johns Hopkins Certificate Program in AI Business Strategy, Certified Data Management Professional (CDMP), Tableau Desktop Specialist, Tableau Certified Data Analyst, Salesforce Certified Data Architect, Salesforce Ranger, ITIL Foundation Certification, Certified ScrumMaster (CSM), AWS Cloud Practitioner, AWS Associate Solutions Architect Certification, AWS Machine Learning Specialty, Microsoft Certified: Azure AI Engineer Associate, Microsoft Certified: Azure Data Scientist Associate, Microsoft Certified: Azure Solutions Architect Expert, Bertleman's Technology Scholarship for ML with Tensor Flow, Udacity/AWS Nanodegree program for ML Engineering, AWS ML Hero, Coursera SQL for Big Data, SnowPro SME, Databricks, and Flat Iron School of Data Analytics

# COMMUNITY TECHNOLOGY ADVISORY BOARD

10 Members: Pursuant to Ordinance 124736, all members subject to City Council confirmation, with 2-year terms.

- 4 City Council-appointed
- 6 Mayor-appointed

## Roster as of [May 2026]

| Position Number | Position Title       | Appointee Name      | Term Begin Date | Term End Date | *Term Number | Appointed By |
|-----------------|----------------------|---------------------|-----------------|---------------|--------------|--------------|
| 1               | Member at Large      | Omari Stringer      | 01/01/25        | 12/31/26      | 2            | City Council |
| 2               | Member at Large      | Dei'Marlon Scisney  | 01/01/26        | 12/31/27      | 2            | Mayor        |
| 3               | Member at Large      | Venita Subramanian  | 01/01/26        | 12/31/27      | 1            | Mayor        |
| 4               | Member at Large      | Rajat Aggarwal      | 01/01/25        | 12/31/26      | 1            | City Council |
| 5               | Education Member     | Aishah Bomani       | 01/01/25        | 12/31/26      | 2            | Mayor        |
| 6               | Get Engaged Member   |                     | 09/01/26        | 08/31/27      | 1            | Mayor        |
| 7               | Member at Large      | Kathleen Rohde      | 01/01/26        | 12/31/27      | 1            | City Council |
| 8               | Member at Large      | Friday O. Enabulele | 01/01/26        | 12/31/27      | 1            | Mayor        |
| 9               | Member at Large      | Colin Sanders       | 01/01/25        | 12/31/26      | 1            | City Council |
| 10              | Public Access Member | Phillip Meng        | 01/01/25        | 12/31/26      | 2            | Mayor        |

## Self-identified diversity chart

| Appointing Authority | Male     | Female   | Transgender | Non-Binary | N/A | Asian    | Black/African American | American Indian/Alaska Native | White/non-Hispanic | Hispanic/Latinx | Pacific Islander | Middle Eastern | Multi-racial | N/A |
|----------------------|----------|----------|-------------|------------|-----|----------|------------------------|-------------------------------|--------------------|-----------------|------------------|----------------|--------------|-----|
| Mayor                | 3        | 2        |             |            |     | 3        | 2                      |                               |                    |                 |                  |                |              |     |
| Council              | 3        | 1        |             |            |     | 1        | 1                      |                               | 2                  |                 |                  |                |              |     |
| Other                |          |          |             |            |     |          |                        |                               |                    |                 |                  |                |              |     |
| <b>Total</b>         | <b>6</b> | <b>3</b> |             |            |     | <b>4</b> | <b>3</b>               |                               | <b>2</b>           |                 |                  |                |              |     |

## City Council districts represented

| Council District | District 1 | District 2 | District 3 | District 4 | District 5 | District 6 | District 7 | N/A |
|------------------|------------|------------|------------|------------|------------|------------|------------|-----|
| <b>Total</b>     | <b>1</b>   |            | <b>1</b>   |            | <b>1</b>   | <b>1</b>   | <b>4</b>   |     |

\*P is for partial initial term. Appointee is eligible for full terms thereafter.