



Data Science Advisory Board Meeting
Thursday, November 18, 2022
Room C217, Pasadena City College
Person taking notes: Sean Archer

Details:

A meeting of the Pasadena City College Data Science Advisory Board was held on November 18, 2022, at 1:30pm on the campus of Pasadena City College and presided over by Professor Jamal Ashraf.

Present:

Jamal Ashraf – Pasadena City College
Dr. Dan Crichton – NASA / JPL
Dr. Armine Derdarian – Pasadena City College
Frances Godinez – Pasadena City College
Robert Gomez – Pasadena City College
Dina Ibrahimzade – University of California, Berkeley
Dr. Melissa King – People's Health Solutions
Dr. John Korah – California State Polytechnic University, Pomona
Tanysha Laney – Pasadena City College
Phillip Leclair – City of Pasadena
Steven Leung – Cisco Systems
Dr. Alex Liu – RMDS Lab
Bryan Munoz – University of California, Irvine
JuHyun Sakota – People's Health Solutions
Dr. Lan Yang – California State Polytechnic University, Pomona

Notes:

- Member introductions and perspectives on current trends in data science.
- Areas of concentration for the Data Science program:
 - SQL – Proficiency with SQL is increasingly essential within the field.
 - Cloud – Increasing prevalence and use of cloud computing in data science.
 - Capstone course – Data ingestion to integration of cloud computing to produce a deliverable.
- Work-based learning:
 - Supported and echoed by all members. Mrs. Laney and Mr. Leclair address current projects being undertaken with CalTech. Dr. Derdarian suggests work-based learning be integrated with courses. Mr. Ashraf suggests work-based learning be undertaken directly with companies for pay.
- Minimum skills required for certificate:
 - Creation of reports
 - SQL skills
 - Data cleaning
- Social justice and equity:
 - Increasing use of data science in the promotion and resolution of social justice and equity issues.
- Board recommends Pasadena City College move forward with creating a Data Science program (certificate and associate in science).