

Data Cats 9/12 Meeting Notes

- Our meeting started at 6:30 pm MST on 9/12/2022
- Meeting opening:
 - Icebreaker: What data jobs do you know?
 - Responses:
 - Data engineer
 - Data- validators
 - Machine learning
 - AI
 - Natural Language
 - Bioinformatics
 - Data entry
 - Introduction to the Data Cats website
 - Shows our club goals: collaborative hours, workshops, social events
 - Also lists potential workshop options that will be voted on later
 - You can join the club from the “join” button
 - Types of Data Jobs Articles:
 - Builtin article:
 - 1. Data scientists:
 - Very general
 - These people have a lot of skills
 - 2. Data analysts:
 - Usually the stepping-stone to become a data scientist
 - What do our members want to become?
 - Data analyst
 - Data scientist
 - 3. Data engineering:
 - Designing, building, maintaining data pipelines to be able to handle data and make it useful
 - Processing data, integrating it into platforms
 - Data cleaning
 - Extract, Transform, Load (ETL)
 - 4. Data Architect:
 - Similar to data engineers
 - They ensure data is well-formatted and accessible for data scientists and analysts
 - 5. Data Storyteller:
 - Not just about visualizing the data and making reports to share stats

- Finding the narrative that best describes the data and developing creative ways to express it
- Create dashboards, put there analysis in there
- Create full business story
- 6. Machine Learning Scientist:
 - Biggest distinction between ML and data science: much more math-heavy
 - Do more of research and development
 - Write papers, prepare for conferences, present methods
 - More focused on methods and research
- 7. Machine Learning Engineer:
 - Familiar with machine learning algorithms like clustering, categorization, classification
 - More product oriented
 - Goal is getting a deliverable out
 - Recommendation: Learn a lot about statistics!!
- 8. Business Intelligence Developer:
 - Business oriented
 - Not as data focused
 - Used data analytics as a means to an end
 - Focused on the business value that the data adds
 - Don't use programming languages as much
 - Excel and Tableau are more commonly used
- 9. Database Administrator:
 - Manage the database
 - Keep up with database requirements
 - They make sure everything is up to date
- 10. Technology Specialized Roles:
 - Very unspecific
 - Specialized job roles that emerge as fields expand
- If you want to read more:
 - go to our website:
 - <https://arizona.campusgroups.com/dsc/useful-links/>
 - Under "Useful Links"
- Jacquie presented the stickers, banner, and merchandise
- Sign-up sheet for club fair shared
- Discussed logo changes:
 - U of A block cannot be used
 - Jacquie will work on printing labels for water bottles passed out at the club fair

- Backgrounds and Interest Survey:
 - Members please fill out the survey:
<https://forms.gle/NQh7hP78dxdg1aq6>
 - We want to know what members' experience are and what they hope to do in the club (especially workshop ideas)
 - Data will hopefully be anonymized and used for practice problems
- Our social media accounts are a work in progress, but are hopefully coming soon!
- Meeting ended at 7:15 pm MST on 9/12/2022