

# Jeremiah Cook

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## SKILLS

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- R, Relational Databases, SQL, BigQuery, Spreadsheets, Adobe Photoshop, Tableau, C#, Data Structures

## EDUCATION

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### Google Professional Data Analytics Certificate

October 2022 - January 2023

*Coursera - Google*

*Online Course*

- Demonstrated hands-on experience with data visualization, project management, interpreting, and communicating data analytics findings.
- Acquired an in-depth understanding of how to clean and organize data for analysis, complete analysis and calculations using spreadsheets, SQL, and R programming.
- Gained fluency in computer programming languages and a solid understanding of databases.

## EXPERIENCE

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### Audio and Video Production Engineer

May 2017 - May 2022

*Business Owner - Amazon Contractor*

*Remote*

- Hosted a daily live show which was self-produced, curated, acted, and directed, with sound and audio mixing while manually controlling unique graphical user interfaces in a way that was entertaining and cultivated over 200,000 viewer hours.
- Analyzed audience retention data and viewer trends to produce a strategy of targeted content that facilitated the wants of over 11,000 followers.
- Built, modified, and maintained the above strategy for paying subscribers resulting in a 95% subscriber retention rate.
- Implemented a business plan based on community involvement outside of show hours which increased profits from \$35,000 to \$50,000 between 2019-2020.

## PROJECTS

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### Health and Fitness Case Study | R, SQL

January 2023 - Present

*Fictional Case Study*

- Created functions for cleaning and preprocessing 15 attributes with over 30,000 data points across 32 spreadsheets in R.
- Supplemented limited data by finding 2 similar datasets and transforming attributes to the core data's conventions for more accurate analysis.
- Actively performing analysis to discover patterns, trends, and insights to provide actionable insights for a future fictional presentation scenario.
- Planning to remodel the data into a visually appealing and easy-to-understand format for sharing in a public portfolio.

### Bike-sharing Case Study | Spreadsheets, R

December 2022

*Fictional Case Study*

- Standardized naming conventions across multiple spreadsheets containing over 3,000,000 data points.
- Preprocessed data by finding and removing 3000 dirty data points, converting character data types to their proper types, and combining multiple data frames into one workable data frame in R.
- Revealed important insights, through the aggregation of data into 15 rows, with analysis.