Quinn Anhorn

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PROFILE

I have expertise in R, Python, SQL, Excel, and Haskell with a proven track record of optimizing data workflows and enhancing decision-making processes. Adept at delivering actionable insights and automating data pipelines to support strategic initiatives.

EXPERIENCE

Data Scientist - COVID-19 Modelling Team July 2021 – Present
Saskatchewan Health Authority *Saskatoon, Saskatchewan*

- Spearheaded the automation of a manual data collection process using SQL and Python, cutting processing time significantly and accelerating decision-making
- Developed an R package facilitating data pipeline automation, reporting, and visualization, improving team efficiency and analytical capacity
- Implemented machine learning algorithms (XGBoost, LightGBM) to project patient admissions and discharges, informing critical healthcare decisions
- Designed a social network model of Saskatchewan using Haskell to enhance the accuracy of COVID-19 transmission models

EDUCATION

University of Saskatchewan Saskatoon, SK
Bachelor of Science - Statistics *June 2021*

PROJECTS

Homeplate | *R, Shiny, Data.Table, Plotly, Reactable, HTTR* March 2022

- Developed a full-stack web application using R and Shiny for real-time MLB standings and player statistics, integrating real-time data feeds from MLB Stats API

TECHNICAL SKILLS

Languages: R, Python, SQL, Haskell, HTML/CSS
Developer Tools: Git, VS Code, Rstudio, PyCharm, Vim
Libraries: Tidyverse, ggplot2, data.table, NumPy, pandas, scikit-learn, Shiny, Plotly, XGBoost