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| **Andrew Belz** | Rexburg, ID | <https://linkedin.com/in/andrewbelz>  805 624 4436 | [andrewbelzjr@gmail.com](mailto:andrewbelzjr@gmail.com) |
| Portfolio: <https://andrew-belz.github.io/Data-Science-Portfolio/> OR SCAN QR CODE ABOVE  Passionate aspiring data scientist always looking for new challenges. Technically adept, with both mathematical and programming skills in **statistics, Python, R, and SQL**. | |
| EducationB.S. in STATSTICS, EMPHASIS IN DATA SCIENCE, MINOR IN MATHEMATICS- EXPECTED December 2027**Expected Graduation from Brigham Young University (Provo, UT)**  * **BYU-Idaho - Attending FALL 2023-FALL 2024 – 4.0 GPA on 4-point scale**   Relevant Coursework: Data Science Programming **(Python, SQLite)**, Intermediate Statistics **(R, statistics)**, Introduction to Databases **(MySQL Workbench)** | |
| Project EXPERIENCE (BYU-Idaho)Socioeconomic Inequality STATISTICAL ANALySIS **Analysis using R:** Uncovered trends in poverty and race in relation to crime rates using official US Census data. Showcased abilities in **hypothesis testing, linear regression, ANOVA, model validation, API data extraction, exploratory data analysis, and data visualization (ggplot).**  **STOCK PRICE TRACKING APPLICATION** **Python Application:** implemented automated **ETL** process to retrieve and display data from **Yahoo Finance API** via **yfinance** module. Pipeline transforms resulting data with **Pandas**, and loads the data frame into a **Plotly Dash** app graphically and tabularly. Showcased abilities with **Python, Dash, Plotly, Pandas, yfinance, HTML, and CSS.** | |
| Work Experience | |
| Solar TechnicianMitchell Security, Inc. | Bakersfield, CAAugust 2022 - August 2023 -Installed residential solar energy systems in a team of 6  -Implemented & utilized monitoring software for energy systems to diagnose & troubleshoot performance  -Communicated technical information to clients daily  -Adhered to stringent build protocol & regulations to promote strict quality control | Exam ProctorBYU-Idaho | Rexburg, IDMAY 2024 - PRESENT -Administer & manage tests for dozens of students daily  -Adhere to standard operating procedures to protect testing integrity & accurate file management  - Interact with database front end interface to manage student & test information |
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| SKILLS | |
| Python: Pandas, NumPy, Scikit-learn, Plotly Express | R: ggplot, mosaic, tidyverse, R-markdown | SQL: SQLite, MySQL, ERDs | Hypothesis testing | Statistical modeling | Data visualization | Data wrangling | Effective communication | Team collaboration | Problem-solving | Quality control | | |