

JUSTIN S SHARON

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EDUCATION

REVA University, School of Engineering and Applied Science Bengaluru, Bachelor of technology in Mechatronics Engineering Dec 2020 to July 2023 Cumulative CGPA: 8.45/10.0

• Relevant Coursework: Machine Learning, Statistics, Analytics, Probability & Discrete Mathematics, Python programming

JSS POLYTECHNIC, Honours in diploma in Mechatronics engineering, May 2017-AUG 2020 • Cumulative Percentage: 75.68/100%,

PROFESSIONAL EXPERIENCE

- **JC Industries**, Peenya, Bengaluru, KA *Data Analyst intern, Securities Division September 2022 - November 2022* •
 - Oversee the data collection, analysis regarding the PCB's helping to analyse the sales and operation data
 - Generate graphical displays for users to monitor real time sales and operation data of PCBs and company assets
 - Reprogrammed building and increase efficiency, which helped the organization in monthly savings of 400000 Rs
 - Track and report monthly utility and waste data
 - Formulated Excel spreadsheets to automate the data entry and reporting of over 200 monthly utility bills.
- **Hindustan Aeronautics Limited**, Marathahalli, Bengaluru, KA, program management summer intern July 2022-august 2022.
 - Worked at Hindustan aeronautics Ltd in the Foundry & Forge Division for a period of 45 days where I gained knowledge on casting forging dies and how multiple components are manufactured. Provided administrative assistance and documentations
- Six sigma course and agile methodology

SKILLS

- **Programming Languages:** Python, SQL, C++
- **Big Data & Machine Learning:** Python (e.g., scikit-learn, NumPy, pandas, matplotlib)
- **Data Science & Miscellaneous Technologies:** Tableau, EXCEL, A/B testing, BI Tools, workflow management, Data science pipeline (cleansing, wrangling, visualization, modelling, interpretation), Statistics. Selenium IDE,
- **DATA SCRAPING:** using UiPath an RPA tool to scrape data and collect data

I am fast enthusiastic learner who enjoys synthesizing large amount of research and data insights a concise and robust story for presentation to stakeholders

PROJECTS

1. **Prediction of stock price using machine learning and python** - in this project we have used a historical dataset of tesla stock price from Kaggle. Then, we'll clean up the data with pandas, and get it ready for machine learning. We'll train a random forest model and make predictions using back testing. Then, we'll improve the model by adding predictors.
2. **Data correlation project using python**-In this project we have used the dataset of movies then we will clean up the data with pandas and get it ready for machine learning. We will train the data in scatter plot using seaborn then in linear regression model we observe that budget has correlation with gross earnings. then we will use correlation Pearson method to find the exact correlation.
3. **Covid -19 deaths analysis project using tableau and SQL**- in this project Our case study is based on covid-19 deaths. We have a big excel data sheet which is cleaned in SQL by various queries such as CTE, temp tables. We are converting that data into a useful tableau dashboard that can give real time insights. And analyse the death ratio and forecast it.
4. **Data scraping using UiPath studio**- In this project we have used a No code platform as UiPath to scrape the data from the amazon and paste it in Excel there are various other various to do it with python and etc but doing it using UiPath is less time consuming easy to use and performs task without any hinderance
5. **Fingerprint vehicle starter**- We designed a fingerprint sensor starter where the fingerprint of the owner is stored, and only when the fingerprint authentication is successful the vehicle can be accessed. It is helpful in reducing the theft of the vehicle.

CERTIFICATES

1. **Artificial intelligence A-Z by Udemy**
2. **Data science fundamentals by simplilearn**