# Devmani Dhiman

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## Summary

Results-driven System Engineer, seeking to use proven Python and SQL skills to deliver and decode insights from data. Have developed 3 webapps using Streamlit. Part-time Maths Teacher (Secondary and Senior Secondary level) and Python developer. Wrote code to automate job scraping for 5+ portals.

## Education

### Engineering

UIET, Panjab University • Chandigarh, Chandigarh                                    06/2020

- Completed Engineering with 7.50 CGPA.
- Caption of Electronics branch Cricket team.
- Pitched ideas in events orginized DIC (Design and Innovation Center), Panjab Univesity.

### Skills

- Python
- SQL
- Statistical Analysis
- Database Management
- Machine Learning
- Technical Writing
- Linear Algebra
- MS office

## Experience

### Systems Engineer

Infosys Pune, Maharashtra • Pune, Maharashtra                                    02/2020 - Present

- Built databases and table structures for web applications.
- Performed software testing to uncover bugs and troubleshoot issues prior to application launch.
- Wrote code on C# platform using Visual Studio.
- Wrote and maintained custom scripts to increase system efficiency and performance time.

### Python Developer

Freelancer • Chandigarh, Chandigarh

- Authored code fixes and enhancements for inclusion in future code releases and patches.
- Partnered with team members, including Managers and Developers to minimize project delays.
- Consulted with engineering team members to determine system loads and develop improvement plans.
- Handled scripting tasks for debugging and automation using Python.
- Collaborated effectively with members of software development team and personnel in other departments.

# Projects

**Predicting Property Price Using Regression Analysis**

- Used Regression and Predictive analysis to predict the price of a property.
- Collected, manipulated, and cleared raw data and converted it to a machine-readable format.
- Perform Feature Engineering and Feature selection to remove outliers.
- Created API and implemented GET and POST methodology using Flask framework.

**Employee Attrition (Classification) using Predictive Analysis**

- Employee Churn Prediction using Classification Algorithm for predicting the Employee Churn.
- Removed Outliers and performed pre-processing steps.
- Created a Classification model to predict the chances of Employee leaving the company

**Others**

- Created online real time Crypto-Currency tracker and hosted it on Heroku (PaaS). "https://cryptotrackerstreamlit.herokuapp.com/"
- Created an all-in-one web app that can be used for checking accuracy and probability of predicted class.
- Created an online portfolio using streamlit library. (In Progress)
- Build a Dashboard for a bike seller to visualize and analyze the distributions using Power BI.

# Languages

- English
- Hindi