

# Karma Gurung

---

New York City, NY 11378 | karmaguru.work@gmail.com | <https://www.linkedin.com/in/karmag> | <https://github.com/karma-gits>

Recent Computer Science graduate proficient in Data Science with a strong foundation in statistical modeling, machine learning, and data manipulation. Experienced in Python and scikit-learn, with a focus on building predictive models and extracting insights from complex datasets. Proven ability to communicate findings effectively to both technical and non-technical audiences. Passionate about leveraging data-driven solutions for business growth and informed decision-making.

## Technical Skills

---

**LANGUAGES:** Utilize Python (Pandas, NumPy, Seaborn) and SQL effectively

**ANALYTICS/DATA VISUALIZATION:** Proficient in Microsoft Excel, Tableau, Matplotlib, and Plotly

**DATA TECHNIQUES:** Apply Sklearn (sklearn), TensorFlow, Statistical Modeling, Machine Learning Algorithms, Data Cleaning, Data Manipulation, and Hypothesis Testing

## Experience

---

**Data Science Fellow | March/2024 – Present**  
**Springboard | Remote**

- **Built a Safety Gear Detection application:**
  - Utilized Python, OpenCV, TensorFlow, and YOLO to develop a system that detects and tracks various types of safety gear in construction sites with high accuracy.
  - Enhanced safety protocols and reduced risk of accidents by 80% through accurate detection and timely notification.
- **Constructed a Product Recommendation System:**
  - Used Python, Pandas, Sklearn, and Matplotlib to devise a system that recommends relevant items based on user interactions and historical purchase data.
  - Enhanced user experience and engagement.
- **Developed Dynamic Pricing Strategy Model:**
  - Created a model using data-driven techniques in Python, Pandas, and Sklearn to optimize pricing based on competitor analysis.
  - Aimed for a +5% revenue increase.

## Education

---

**Data Science Certification**, Springboard, 2024

**BS, Computer Science**, Western Governors University, Dec 2023

## Certifications

---

**ITIL® Foundation** - PeopleCert - Nov 2023

**Linux Essentials Certification** - LPI - Oct 2023

**Python For Everybody** - University of Michigan - Dec 2022

**Google Data Analytics** - Google Career Certificates - Dec 2022