

GURMEET KAUR

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EDUCATION

University of South Florida Master of Science <i>Business Analytics and Information Systems</i>	Tampa, Florida Aug. 2019 – May 2021
Cardiff Metropolitan University Master of Business Administration <i>HealthSector Project Management</i>	Cardiff, Wales Aug. 2013 – Nov. 2014
Rajiv Gandhi University of Health Sciences BS, MS <i>Orthopedics</i>	Bangalore, India May 2010 – June 2012

RELATED COURSEWORK

Analytical Methods for Business, Data Mining, Data Science Programming, Advanced Database Management, Statistical Data Mining

TECHNICAL SKILLS

Programming languages and tools: R, Python, SQL, SPSS, Tableau, Azure ML, SAS, Power BI, C#

Algorithms and Libraries: Implemented and used Machine Learning algorithms including deep learning with multimodal data, Tensor Flow, Keras, Sklearn, PyTorch

PROJECTS

Investigation into Recognizing Context Over Time using Physiological Signals

Identified different contexts with 89.2% accuracy using deep learning on video signals.

Multimodal Fusion of Physiological Signals and Facial Action Units for Pain Recognition

IEEE Face and Gesture Conference 2020

Detected Pain with 89.2% accuracy with multimodal using neural networks and random forests.

Analyzing Fatal Police Shootings across United States

Achieved 79% accuracy to identify fatal police shooting and predicted future shootings with 0.732 PCC.

Factors Affecting Life Expectancy

Collated data and performed statistical analysis to identify factors across different countries.

WORK EXPERIENCE

Student IT Support University of South Florida Collected and analyzed performance data of computer systems across campus.	August 2020 – May 2021 Tampa, Florida
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Lead Healthcare Data Analyst HOD Innovation labs Pvt. Ltd. Created data models and dashboards to identify any potential health risk present in client's talent pool.	March 2018 – February 2019 Bangalore, India
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Healthcare Data Analyst Cloud Nine Hospitals Utilized CRM systems data to track and analyse reports and identified factors to maximize patient retention in center.	February 2017 – March 2018 Bangalore, India
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Business Intelligence Analyst Medverve Healthcare Analytics and Solutions Conceptualize and effective data quality management and compliance improvement process to streamline operations. Analyzed patient data to minimize insurance claims disallowances.	March 2015 – December 2016, August 2012 – August 2013 Bangalore, India
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