

Pavan Singh

Data Analytics Graduate

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GitHub & Personal Page: [Portfolio](#)

Data Analysis | Modelling | Machine Learning | Communication

PROFILE

Bachelor of Business Science Analytics graduate, currently completing my Masters (MSc) in Advanced Analytics at the University of Cape Town. Experienced Tutor with experience conducting and implementing data analysis and machine learning – a collection of both ongoing and completed projects can be found [here](#).

EDUCATION

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| 2022 – Present | MSc Advanced Analytics University of Cape Town (UCT) <ul style="list-style-type: none">- Current GPA: 78.7% |
| 2018 – 2021 | BBuSci Analytics University of Cape Town (UCT) <ul style="list-style-type: none">- Average of 73% for Statistical Honours Modules- Final Year GPA: 71.1% |
| 2013 – 2017 | Cambridge AS and A-Levels St Charles College, Pietermaritzburg <ul style="list-style-type: none">- Distinctions at IGCSE, AS and A-Level for Chemistry, Biology, Mathematics and Physics- Academic Honours |

WORK EXPERIENCE

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| 2021 | Databases and Data Analytics Tutor University of Cape Town (UCT) <ul style="list-style-type: none">- Course Code: INF2007 and INF2006 |
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ADDITIONAL EXPERIENCE

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| 2020 – 2021 | Golden Future Project Society Tutor University of Cape Town <ul style="list-style-type: none">- Tutored high-school students from under resourced communities within Cape Town area. |
| 2017 | Head of Outreach Programme St Charles College <ul style="list-style-type: none">- Coordinated events and collection of donations from students of the school for under-resourced communities within the Pietermaritzburg area. |

COURSES AND SPECIALISATIONS

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| 2022 | TensorFlow Developer Professional Certificate DeepLearning.AI |
| 2021 | MySQL for Data Analytics 365Careers |
| 2022 – Present | Google Data Analytics Certification Google |

SKILLS

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| Computer Programming | <p>Proficient in 3 Programming Languages</p> <ul style="list-style-type: none">- R- Python- STATA <p>These languages were used throughout the degree, with large emphasis on Statistical problems and Data analytics. R and Python have been used extensively in data projects.</p> |
| Problem Solving | <p>Being able to critically analyse a given problem, by examining the components and finding a solution for it. Developed through assignments, projects and. Formulated solution stepwise so that any individual can follow and enable reproducibility.</p> |
| Communication | <p>Interpersonal skills developed largely through engagement with fellow students and learners of different backgrounds. Listening carefully to provide a response that will be understood by learners. Engagement with students will be the main determinant of their performance, always made sure everyone understands the important concept before continuing.</p> |
| Team Work | <p>Largely developed through sports and groupwork. Usually, the leader of the team due to great relationships with colleagues and being vocal about problems and possible solutions.</p> |
| Analytical Thinking | <p>Developed through programming and tutoring. Statistical projects done, instilled the ability to analyse the data to make informed decisions and evaluate the actions at a later stage, which often lead to finding an efficient way of doing the same task. Tutoring the struggling students enabled me to break down their problem and then address their foundation of the concept.</p> |

INTERESTS

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| Team Sports | Training | Technology | Data Projects |
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