

Sahir Maharaj

Data Scientist | AI Engineer | Data Analyst

Unlike most technical folk, who puzzle their audience with a jargon, I am able to fluently explaining complex data science outcomes and algorithms. Possessing the rare skill of empathy, I can clearly understand the pain points of businesses and map out a clear-cut road of turning big data into actionable insights. I believe continuous learning and self-improvement is the key to innovation.

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WORK EXPERIENCE

Data Scientist

Old Mutual Limited South Africa 🌐

09/2022 - Present

Achievements/Tasks

- Orchestrated real-time OML enterprise change portfolio dashboard suite (interfaced to JIRA) thereby optimizing strategy tracking efficiency by **8.56%**
- Developed 360° view cost management dashboard maximizing invoicing transparency and streamlining workforce capacity allocation by **15.96%**
- Spearheaded real-time JIRA report suites across departments, enhancing transparency by **12.78%**, amplifying efficiency and strategic decision-making.
- Orchestrated OMAR EPMO Dashboard Suite, boosting portfolio monitoring efficiency by **17.13%** across OMAR countries
- Engineered JIRA Service Management suite enhancing managerial decision-making by **18.96%**, providing insights on agent activity, SLA adherence, etc.

Data Scientist

Volkswagen Group South Africa 🌐

06/2021 - 08/2022

Responsibilities and Achievements

- End-to-end development of safety critical system for Volkswagen South Africa production plant, directly impacting automobile engineering processes with average accuracy topping more than **99.5%**
- Audi SA** - Establishment of advanced machine learning forecasting pipeline, directly impacting future pricing of new/used Audi vehicles, based on multi-layered competitor analysis insights enhancing BI decisions by **22.4%**
- Design of VWSA enterprise-wide data science framework used for governing use cases, thereby streamlining performance of agile workflows by **38.3%**
- Engineered near real-time reporting for *Move Share by Volkswagen (Rwanda)*, enriching corporate transparency by **65.1%** whilst embedded machine learning forecasted future trips, soaring business intelligence to **74.3%**
- Creation of executive GIS dashboard to support strategic decision-making, contrasting competitor dealerships to *VW/Audi* dealers, providing **70.5%** unique business insights on customer sales and buying patterns per geographic region
- Lead keynote presenter at various managerial *VW/Audi South Africa* Data Science events and workshops (in topics of Computer Vision, NLP, AI, ML, etc.)
- Chief front-runner in implementing data-driven *Strategic PM* dashboard for executive board of managers enhancing enterprise project tracking by **21.6%**

Junior Data Scientist - SAP Consultant

BMW South Africa 🌐

06/2020 - 03/2021

Responsibilities and Achievements

- Implementation of crisp dashboards thereby reducing modelling complexity of traditional visualizations by **43.5%**
- Implementation of Global Hub Reporting system between BMW hubs (Portugal, ZA, etc) enhancing data transparency by **52.1%**
- Development of web crawlers and agile documentation frameworks. Support with technical automation increasing overall task productivity by **14.7%**

Graduate at SAP Young Professional Program

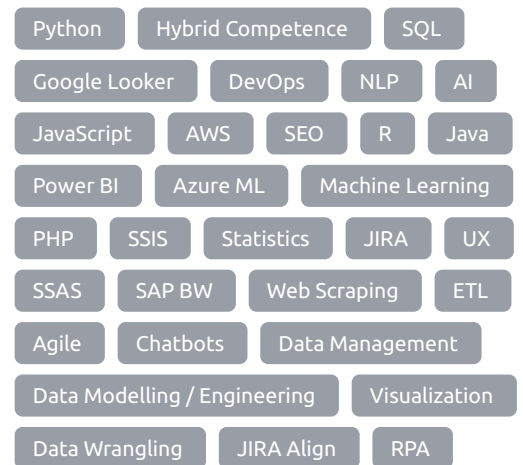
SAP Cape Town 🌐

03/2020 - 06/2020

Achievements/Tasks

- SAP Certified Application Associate** - SAP BW 7.5 powered by SAP HANA / SAP Analytics Cloud. Selected as 1 of 25 participants to attend a world-class communication workshop and Innovation Design Thinking BootCamp.

SKILLS



INTERESTS

Learn more about me at :

<https://sahirmaharaj.com/> 🌐

When passion and learning collide, magic happens

- Taking a jog on the beach (before sunrise)
- Foods that serve as a vehicle for hot sauce
- [Content Writer \(Medium\)](#): Sharing my knowledge at scale on data science, AI, ML and trending tech

Power BI Community Champion

Microsoft Power BI Community 🌐

Alone we can do so little; together we can do so much

- Most kudoed professional – Global leaderboard rank #2 (Feb 2023)
- Active contributor (Top 1% acclaimed specialist)

Freelance Data Scientist, AI Engineer

Topmate.io 🌐

From ideation to realization, I'm there

- Recognized as top 1% of freelancers globally
- 130+ bookings with 20+ (5 star) testimonials

EDUCATION

Bachelor of Science in IT (2017 - 2020) 🌐

Pearson Institute of Higher Education

- Graduated Magna Cum Laude
- 2018 and 2019 Pearson Annual Awards : Awarded Student Scholarship

RECENT LEARNINGS / CERTIFICATIONS 🌐

Teach me and I may remember, involve me and I learn

- Intel® Edge AI Developer Certification
- IBM Machine Learning Specialist Certification
- Intel® Partner Technical Pro - Intel® Optane™ Technology
- Google UX Design Professional Certificate
- Google Data Analytics Professional Certificate
- IBM Advanced Data Science Specialization
- IBM Applied AI Professional Certificate