**ROHIT SINGH**

Singapore PR | +65 92713949 | [rohit-singh@hotmail.com](mailto:rohit-singh@hotmail.com)

Team focused **Data Scientist** looking for exciting opportunities in **Advanced Predictive Analytics and Big Data Solutions.** Background includes application and development of analytics techniques built on a **M.Sc. in Technology Management.** Strengths include:

* Predictive analytics for product offerings, strategic decisions, business optimization and risk aversion
* Data warehousing, wrangling, preprocessing and ETL for analytics
* Collaboration with platform and service providers in line with business cases and strategy
* Dealing with clients to solve business challenges and implement solutions
* Managing project teams with a genuine interest in developing people
* Working experience with Agile and Waterfall PM methodologies
* Personal differentiators: Positive attitude, Agility and adaptability, Customer focus, Team and personal development, Capacity to see the “big picture”

**SOFTWARE SKILLS**

Python | Qlik | Azure Data Lake | Azure Analytics VM | PostgreSQL | SQL | PTC Thingworx | R | Tableau | Linux | SAS JMP | Excel Analytics | Microsoft Query | C | Hyperion Data Query

Image result for dbs logo

**Development Bank of SINGAPORE SINGAPORE**

*$64B South East Asia’s Largest Bank*

**Data Scientist (May 2018 – Current)**

Part of the Treasury & Markets Operations Analytics (TMOA) group responsible for applying Machine Learning and Advanced Analytics approaches to the bank's activities.

* Understand and collate key challenges from end-users and subject experts to create use cases. The use cases became projects that deliver business efficiency, cost savings and enable data-based decision making.
* Developed business classification system to separate new business effort from operational effort for existing business'. The data is used to justify expansion, prioritization or curtailment of different activities and stakeholders
* Support education, advancement and adoption of BI technologies within day-to-day operations and BAU activities in the bank. Supported creation and deployment of Qlik production dashboards through central technology team for these initiatives



**FLOWSERVE CORPORATION (R&D) SINGAPORE**

*$6B Manufacturer of Fluid Control Machinery for Oil & Gas, Power and Chemical Applications*

**Data Scientist (Jul 2017 – May 2018)**

Expand Flowserve’s BI and analytics offerings by creating new solutions and products in line with the needs of the Intelligent Process Solutions (IPS) IoT division. Support global research in Data Science, Big Data and Machine Learning.

* Developed models that predict equipment failure/anomaly to avoid unplanned downtime for our chemical and oil refinery clients. This in turn saves significant opportunity and maintenance costs
* Performed feature engineering and data transformation to prepare high frequency sensor data for classification, regression and time series modelling
* Managed Azure based Big Data cloud storage solutions for data warehousing
* Collaborated with app developers, users and PMs to deploy live predictive models used in BI dashboards and reports



**HP INC (R&D) SINGAPORE**

*$50B Company with Focus on Printing and Digital Electronics*

**Associate Data Scientist & Senior Software Developer (Jun 2016 – Jun 2017)**

Product Development for small and medium sized inkjet printers.

* Conducted exploratory mining to generate ranked features based on demography, geography, business segments etc.
* Made insights available for warranty impact studies, marketing commitments and product portfolio decisions
* Validated customer assurance (CA) metrics by analyzing call notes, user-case scenarios, log reports and survey results
* Implemented and tested printer features as the lead developer for mech firmware



**HP INC SINGAPORE**

*$50B Company with Focus on Printing and Digital Electronics*

**Process Data Analyst & Project Manager (Oct 2012 - Jun 2016)**

Drove the Smart Manufacturing initiative through Data Analytics and Big Data for 24h manufacturing lines producing over 5M units/year.

* Managed intern Data Scientists on projects involving cost savings, risk avoidance, operations optimization and predictive maintenance
* Raised process yield from 91% to 98% using statistical techniques like SPC, 5S, Kaizen, PDCA, DMAIC and Lean Sigma
* Managed vendors for timely execution, project implementation, testing, handover and documentation
* Led product life cycles from new-product-introduction to manufacturing readiness

**EDUCATION & PROFESSIONAL DEVELOPMENT**

* 2018 - Smartly School of Business - Master of Business Administration (M.B.A.) *- In Progress*
* 2017 - Massachusetts Institute of Technology (MIT) - Certificate in Data Science
* 2017 - National University of Singapore (NUS) - M.Sc. Management of Technology
* 2017 - Lynda - Agile Project Manager Learning Path Certification
* 2015 - National University of Singapore (NUS) - NCIF Predictive Analytics
* 2013 - SAS - JMP and DOE
* 2012 - Nanyang Technological University (NTU) - B.Eng. (Hons) Mechanical Engineering
* 2009 - Singapore Polytechnic - Diploma in Aeronautical Engineering (2006 Director’s Honor Roll)

**ABOUT ME**

**Languages Written and Spoken:** English and Hindi

**Hobbies:** Sports, Rugby Refereeing and Coaching, Travelling, Reading

**Volunteer Work:** PAP Community Foundation, World Rugby Referee and Coach, Hour of Code, President’s Challenge