COMPANY

PROFILE

Regina Analytics

WHAT WE DO

DATA SCIENCE AND ANALYTICS

We are a professional services firm delivering AI-powered software and technical solutions to companies who want to leverage data and machine learning algorithms for business value.
Focusing on predictive analytics, natural language processing, and computer vision, we help businesses innovate with AI, enrich customer insights, automate processes & be more cost-efficient. This is ensured by our proprietary technologies, exceptional customer care, constant investment into talent development and R&D.

ARTIFICIAL INTELLIGENCE

Artificial intelligence (AI) is an area of computer science that emphasizes the creation of intelligent machines that work and react like humans. That is gaining human abilities, removing human error e.g. object detection (computer vision)

MACHINE LEARNING

Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.

DEEP LEARNING

Deep learning is a subset of machine learning where artificial neural networks, algorithms inspired by the human brain, learn from large amounts of data. Similarly to how we learn from experience, the deep learning algorithm would perform a task repeatedly, each time tweaking it a little to improve the outcome.

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Regina Analytics

WHO WE ARE

Regina analytics (Pty) Ltd, was started as a startup by Michael Mutekeri who had worked in the analysis field for decades. In the field of statistics, financial modelling, data analysis, database development and business intelligence development. After working as a business intelligence (certified by Microsoft) building a reporting model. He enrolling with Stanford University, California Machine learning course by Associate Professor Andrew Ng Computer Science Department, then further specialized in Tensorflow in practice through DeepLearning.AI by Laurence Moroney an AI Advocate at Google Research also under Prof. Andrew Ng. Teaming up with Prof. Ramachela, Head of Department: Crop Science North West University Mafikeng Campus, South Africa. They have worked on projects from earth innovation to cooperate development.

DATA SCIENCE

Our aim is to provide data science solution to any business from data collection, processing and applying into algorithms for AI.
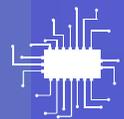
CONSULTING
We take time to discover our customer's need to maximize customer satisfaction

TRAINING
We build modules for simplifying data science to the general public, also document our models and train on how to use these models

SERVICES
We provide online services for all our models, simplifying accessibility of our products

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Regina Analytics

SOLUTIONS

Regina Analytics

We use data science modelling to find solutions for businesses , institutions and individuals.

OUTSOURCING AND CONSULTING IN BUSINESS ANALYTICS

We have become a consulting company that offers a change management solution as a service. Assessing the company needs matching it to its capabilities and giving advice in the field of data management. We have developed a model that includes a pool of qualified and accredited consultants who are deployed on premises. For more information Business Services

SMART FARMING

In IoT-based smart farming, a system is built for monitoring the crop field with the help of sensors (light, humidity, temperature, soil moisture, etc.) and automating the irrigation system. The farmers can monitor the field conditions from anywhere. For more information Smart Farming, AI in Agriculture

BUILDING AND DEPLOYING CUSTOMIZED SOLUTIONS

We have developed solutions that are market ready for the client through Business Intelligence Solution, Azure solutions, machine learning models and other software solutions. For more information, Adoption of Microsoft PowerBI and Azure

DEPLOYING SOFTWARE SOLUTIONS AND SUPPORT

We support and deploy software solutions from companies like Amazon, Microsoft, SAP etc.

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SOLUTIONS

Regina Analytics

AZURE AD PASSWORD PROTECTION FOR ACTIVE DIRECTORY DOMAIN SERVICES WITH POWERBI REPORTING

How secure are passwords on your premises . How do you guard against spray attacks from hackers. Azure Active Directory Protection for Active Domain uses Microsoft curated list to scan for weak passwords, give a report for the weak password . The customer can use a custom list in addition, according to the organization culture on common passwords in addition to the audit. For more information, Azure AD Password Protection for Active Directory Domain Services with PowerBI reporting

CHATBOT

A chatbot is a software application used to conduct an on-line chat conversation via text or text-to-speech, in lieu of providing direct contact with a live human agent. We develop different chatbots using python mainly and deploy them into different social media platforms. For more information Automate your customer service with ChatBot.

BLOCK CHAIN

Blockchain technology is most simply defined as a decentralized, distributed ledger that records the provenance of a digital asset, cryptographically chains blocks in chronological order. Decentralized application is a computer application that runs on a distributed computing system. DApps have been popularized by distributed ledger technologies such as the Ethereum Blockchain, where DApps are often referred to as smart contracts. For more information, Block Chain Technology

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SOLUTIONS

Regina Analytics

DATA ANALYSIS

The process whereby we evaluate data analytical and statistical tools to discover useful information and aid in business decision making. In which we use platforms like Microsoft SQL Server, SAS (Statistical Analysis System) for data management, advanced analytics, multivariate analysis, business intelligence, criminal investigation, and predictive analytics.

REGIDIGPILOT PROGRAM

This is a pilot project we are offering any company/institution that wish to Digitalize or tap into Artificial Intelligence Technology. The Fourth Industrial Revolution (4IR) has been accelerated by Covid-19 pandemic and we can all see changes general operations. As much as institutions have adjusted, there is still confusion with the way forward. We are offering a Change Management Solution, that will help to strategize on adaptation of this new technology.

GIS SOLUTIONS

We deliver the best in smart and intelligent spatial statistical decision making for: Business; Government; Education; Mapping and Charting; Natural Resources; Transportation; Public Safety; Utilities and Communications; Health and Human Services; Databases; Forms; and Reports. We have a pool of consultants with extensive knowledge base entails advanced spatial analysis and statistics for smart business development; land audits; cadastral capture; data capture; mapping and training. Our choice of software is the (open source in R and python), Esri ArcGIS Pro (python and R) and Esri (City Engine)

CONTACT US

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