



DATA | INSIGHT | PROFIT

ILION ANALYTICS | AUGUST 2024

PROFESSIONAL DATA SERVICES

ILION ANALYTICS

MEMBER OF THE BBD GROUP OF COMPANIES

PROFESSIONAL DATA SERVICES

EMPOWERING YOUR TEAM WITH TOP-TIER TALENT

ACCELERATE YOUR DATA INITIATIVES WITH EXPERT SUPPORT

In today's data-driven financial landscape, having the right talent can make all the difference. Our **Professional Data Services** provide you with a team of skilled professionals who work as an extension of your own team, bringing expertise and innovation to your data projects.

WHY CHOOSE PROFESSIONAL DATA SERVICES?

- **Access Top Talent:** Benefit from a team of expert data professionals without the overhead of permanent hires
- **Accelerate Projects:** Speed up your data initiatives with immediate access to skilled resources
- **Flexible Scaling:** Easily scale your data capabilities up or down based on project needs
- **Diverse Expertise:** Access a wide range of skills from data analysis to AI engineering
- **Knowledge Transfer:** Build your internal capabilities through collaboration with our experts

OUR TEAM OF EXPERTS

Our **Professional Data Services** team is a diverse group of experts, bringing together highly skilled data analysts, seasoned data engineers, expert data scientists, and talented AI engineers.

By combining their specialised knowledge and working collaboratively, they deliver dynamic, end-to-end data solutions tailored to meet our clients' unique needs, empowering them to make informed decisions, drive innovation, and achieve their business objectives with precision and efficiency.



DATA ANALYSTS

Experts in extracting insights from complex datasets that drive business decisions.

- Collect and clean data from various sources, ensuring its quality and reliability.
- Perform statistical analysis to identify trends and patterns within the data.
- Uncover valuable insights that can inform business strategies.
- Create clear and effective visualisations and dashboards to communicate findings to both technical and non-technical stakeholders.
- Work closely with business stakeholders to understand their data needs and present results in a way that drives decision-making.
- Develop and maintain regular reporting processes, ensuring that key metrics and insights are consistently available to the organisation.
- Assist in the development of data-driven strategies by translating analytical findings into actionable recommendations for the business.

DATA ENGINEERS

Specialists in designing, building and maintaining robust data infrastructures that enable efficient data collection, storage, and analysis.

- Design and implement robust data pipelines to ensure efficient data flow throughout the organisation.
- Develop sophisticated Extract, Transform, Load (ETL) processes to move and transform data between systems.
- Create and maintain data warehouses and data lakes, foundational for analytics capabilities.
- Ensure data quality and consistency across all systems, implementing checks and balances to maintain data integrity.
- Implement data security and privacy measures, ensuring compliance with regulations and protecting sensitive information.
- Collaborate with data scientists and analysts to provide scalable data solutions that meet evolving project and client needs.



DATA SCIENTISTS

Professionals skilled in advanced analytics and machine learning techniques to extract insights from complex data sets and develop predictive models.

- Develop complex statistical and machine learning models to uncover deep insights from data.
- Conduct exploratory data analysis to uncover hidden patterns and relationships within large and complex datasets.
- Create predictive models for various business applications, such as credit scoring, fraud detection, or customer behaviour prediction.
- Collaborate closely with data engineers to access and prepare high-quality, relevant data for analyses.
- Translate complex analytical findings into clear, actionable insights for both technical and non-technical stakeholders.
- Continuously research and implement new data science techniques to stay at the cutting edge of the field.

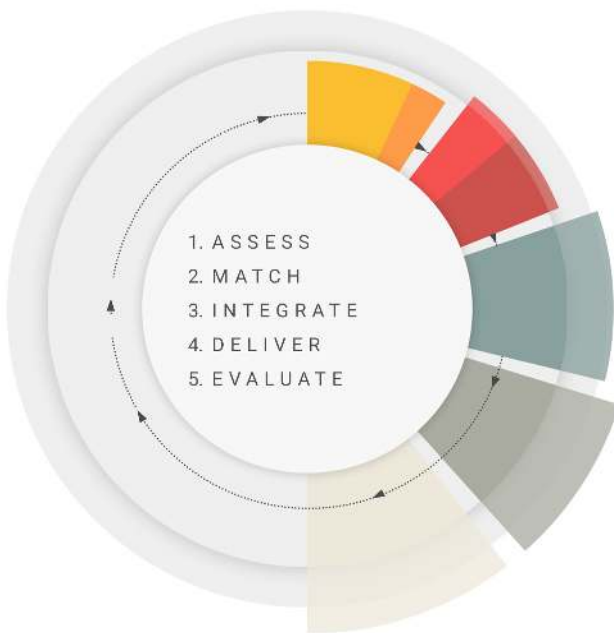
AI ENGINEERS

Experts in developing and implementing artificial intelligence solutions to automate processes and enhance decision-making capabilities.

- Design and develop sophisticated machine learning and deep learning models to address specific business challenges.
- Implement natural language processing (NLP) solutions to analyze text data and create intelligent interfaces.
- Develop computer vision applications for tasks such as document processing or fraud detection in the financial sector.
- Develop and maintain AI infrastructure and pipelines for efficient training and deployment of models.
- Work closely with data scientists to productionise AI models, transforming theoretical concepts into practical, scalable solutions.
- Stay current with the most current AI technologies and methodologies to continually bring innovative solutions to clients.



OUR APPROACH



Our approach is centered around understanding your unique needs and delivering tailored solutions that drive measurable success.

By combining expertise, collaboration, and continuous improvement, we ensure your projects are completed efficiently and effectively at every stage.

1. ASSESS

- Thoroughly understand your unique needs and objectives.
- Evaluate specific skill sets required to meet your project goals.
- Tailor an approach that aligns seamlessly with your objectives.

2. MATCH

- Select the most suitable professionals from our team of experts.
- Ensure the right expertise is assigned to enhance your capabilities.
- Fulfill all project needs effectively and efficiently with tailored skills.

3. INTEGRATE

- Seamlessly integrate with your existing team and processes.
- Adopt established tools while infusing industry best practices.
- Leverage years of experience to complement and boost your operations.

4. DELIVER

- Collaborate closely with your team to achieve project goals.
- Provide exceptional results through teamwork and dedication.
- Share valuable insights, knowledge and expertise at every step of the project.

5. EVALUATE

- Continuously assess the effectiveness of our support services.
- Monitor and analyse outcomes to identify areas for improvement.
- Adjust strategies to ensure optimal results for clients and stakeholders.

WHY ILION ANALYTICS?



DEEP FINANCIAL SERVICES EXPERTISE

Our professionals possess in-depth knowledge and experience in the financial services industry. We understand the intricate regulatory landscape, the need for stringent data security measures, and the dynamic market conditions that your business operates within.

Our expertise spans various aspects of financial services, including banking, insurance, asset management, and fintech. This industry-specific insight allows us to provide tailored solutions that address your unique challenges and seize opportunities, ensuring you stay competitive and compliant.



PROVEN TRACK RECORD

With a history of successful engagements, we have supported leading financial institutions across South Africa, Africa, and Europe. Our portfolio includes projects with major banks, insurance companies, and investment firms.

Our proven methodologies and commitment to excellence have consistently delivered measurable results, such as improved data management, enhanced risk analytics, and optimised business processes. Our track record of success demonstrates our capability to drive impactful change and deliver value to our clients.



QUALITY ASSURANCE

Quality is at the core of everything we do. All our professionals undergo a rigorous vetting process to ensure they meet our high standards of expertise and professionalism. We invest in continuous training and development, keeping our team up-to-date with the latest advancements in data technologies and methodologies.

This commitment to quality ensures that our clients receive reliable, cutting-edge solutions that meet their needs and exceed their expectations.



FLEXIBLE ENGAGEMENT MODELS

We understand that every project and client is unique, which is why we offer flexible engagement models. Whether you need short-term consultancy, long-term project support, or a dedicated team to work on-site, we can adapt our services to fit your specific needs and project requirements.

Our flexible approach ensures that you get the right support at the right time, maximising the impact and efficiency of our collaboration.



FOCUS ON KNOWLEDGE TRANSFER

We believe in empowering our clients, not just delivering results. Our approach includes a strong focus on knowledge transfer, ensuring that your team gains the skills and insights needed to sustain and build upon our solutions.

We provide training, mentorship, and hands-on support to help your team develop their capabilities. By fostering a culture of continuous learning and improvement, we help you create a self-sufficient team that can drive ongoing success.

OUR EXPERIENCE

Our Professional Data Services team has consistently delivered high-impact solutions across a variety of data-intensive projects within the financial services sector.

PAN-AFRICAN BANK CUSTOMER 360 ANALYTICS



We developed and implemented sophisticated analytics models for a leading retail bank. These models have significantly enhanced the bank's ability to segment its customer base and deliver personalised services.

By leveraging advanced machine learning techniques and data science methodologies, we improved customer engagement and retention rates. Our work enabled the bank to offer targeted marketing campaigns, optimised product offerings, and enhanced customer experiences, ultimately driving increased revenue and customer loyalty.

THE DIGITAL TRANSFORMATION OF A EUROPEAN BANK



For a multinational insurance company, we built a robust data pipeline and warehousing solution that has become the backbone of their reporting and analytics capabilities. Our solution integrated disparate data sources, ensuring seamless data flow and consistency.

This enabled the company to generate insights, improve decision-making processes, and enhance operational efficiency. The new data infrastructure also supported advanced analytics and business intelligence initiatives, providing the company with a competitive edge in the market.

AUTOMATING DAILY TRADING REVENUE REPORTING



A major African banking institution faced significant challenges with their daily P&L approval process, leading to missed deadlines, regulatory fines, and operational inefficiencies due to time-consuming manual adjustments and sequential country-by-country calculations.

To address this, the bank's IT support team developed a new solution leveraging Microsoft Power BI and Python, automating the workflow and modernising the P&L process. The result was improved efficiency, reduced turnaround times, and enhanced compliance with regulatory deadlines.

VISIT OUR WEBSITE FOR MORE CASE STUDIES

PROFESSIONAL SERVICES SCHEDULE

ROLE	DESCRIPTION	CRITERIA
Director	<ul style="list-style-type: none">• Bears overall responsibility for subcontractor deliverables (quality, on time, compliant)• Supervises the subcontractor team• Single point of contact for quality-related issues• Strategic decision-making and high-level client engagement	Designation: Level 5 (Leadership)
Executive	<ul style="list-style-type: none">• Manages day-to-day operations of the subcontractor team• Experienced in team management and engagement-related matters• Responsible for day-to-day deliverables• Ensures alignment with client objectives and project goals	Designation: Level 4 (Senior Leadership)
Senior Consultant	<ul style="list-style-type: none">• Senior subcontractor team member• Relevant experience in the engagement industry and/or functional expertise• Contributes significantly to project execution• Manages project tasks and ensures quality outcomes• Collaborates with clients and team members effectively	Designation: Level 2 (Senior Professional)
Consultant	<ul style="list-style-type: none">• Subcontractor team member• Relevant experience in the engagement industry and/or functional expertise• Supports project tasks and deliverables• Engages in professional development and continuous learning	Designation: Level 2 (Professional)
Junior Consultant	<ul style="list-style-type: none">• Subcontractor team member• Demonstrable consulting experience• Supports project tasks and learns from senior team members• Assists in research, data analysis, and preparation of deliverables	Designation: Level 1 (Associate)

YOUR INVESTMENT IN EXCELLENCE



DURATION: FLEXIBLE ENGAGEMENT PERIODS

Choose from engagement periods of 3, 6, or 12 months to match your project's timeline and complexity. This flexibility ensures that you have the right level of support for the duration needed to achieve your objectives.



TEAM: DEDICATED EXPERTISE

Each project is supported by a minimum of one dedicated, full-time consultant. Our consultants bring deep expertise and focus exclusively on your project, ensuring consistent progress and high-quality outcomes. Depending on the project's scope, additional team members can be allocated to provide comprehensive support.



SPECIALISED CUSTOMISATION

Our services are customised to meet your specific project requirements and challenges. We work closely with you to understand your goals, pain points, and unique context, delivering bespoke solutions that align with your strategic objectives. This tailored approach ensures that you get the most relevant and effective support for your data initiatives.

LET US HELP YOU ACCELERATE YOUR DATA INITIATIVES
WITH OUR TOP-TIER TALENT

Contact us today for a complimentary, no-obligation discovery consultation.

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WITH EXPERT TALENT

Due to our policy of continual improvement the contents of this document is subject to change without notice.

AUGUST 2024

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