CORE Skills -> Begin with the End in Mind: Purple Person Approach

Technical Skills

Data Analysis

Cloud Fundamentals

Understanding computing services—including servers, storage, databases, networking, software and analytics

Machine Learning

An Understanding of the concepts behind Artificial Intelligence, Machine Learning and Deep Learning

Testing

Defining, developing and implementing quality assurance practices and procedures for technical solutions and validating hypotheses.

SQL querying

Querying and manipulating data to facilitate the solving for more complex problems

Data modelling

Structuring data to enable the analysis of information, both internal and external to the business

Technology alignment

Understanding how technology can be leveraged to solve business problems

Macro-perspective

Understanding of the company's business strategy, current business issues and priorities and current industry trends

Data analysis skills

Understanding how technology can be leveraged to solve business problems

Reporting software

Understanding of the underlying theory and application of key reporting software

Business knowledge

Understanding of business measurement of key performance indicators and business frameworks.

Business commentary

Articulation of insight to explain current and forecasted trends, their impact and opportunities for the business

Soft skills

Communication and interpersonal skills are necessary to articulate insight gained from analysis

Business Acumen

Storytelling

JSE-Specific Skills -> Begin with the End in Mind: Purple Person Approach

Technical Skills

Business Acumen

Digital Ethics and Privacy

Storytelling

Software Engineering
Programming languages: Proficiency in languages relevant to financial software development (e.g., Python, C#).

Blockchain and Distributed Ledger Technology
Blockchain fundamentals and cryptocurrency knowledge.

Advanced Data Analytics and AI
Machine learning, AI implementation, and natural language processing.
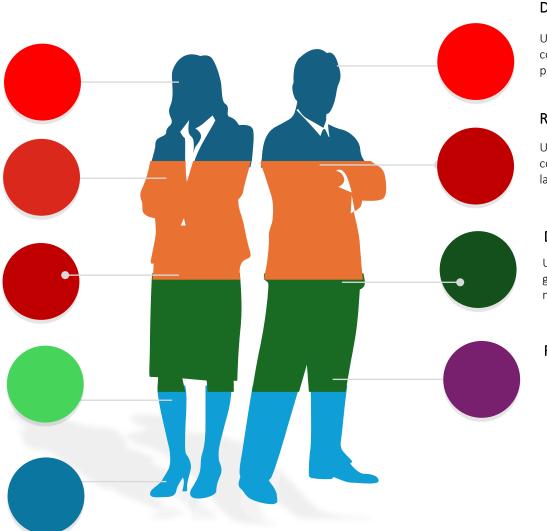
Client Experience
Under the umbrella of Client Services, incorporating a focus on Client Experience is paramount &Employing design thinking approaches to solve problems creatively and enhance client experiences.

Capital Markets
Introduction to Equity, Bonds, Commodities, Markets and Equity Trading

Enterprise Risk Management
Understanding of regulatory requirements and the ability to manage compliance effectively.

Data Ethics
Understanding ethical considerations in the collection, analysis, and use of data, ensuring privacy and fairness.

Regulatory technology (RegTech)
Understanding using technology to improve compliance with regulations, including privacy laws and financial regulations.

Digital Marketing & UEX
Understanding of Creative design: Proficiency in graphic design tools to create engaging marketing materials.

Financial Planning and Analysis
Understanding of financial analysis.