**HSBC interwju – Trading Risk Analyst PI**

Your challenges

* Review and analyse the daily Permitted Instruments (PI) reports across geographies and various company lines of business
* Work with the Risk Managers in addressing genuine exceptions against trading mandates
* Work with the Risk Analysts/Managers in further reducing false exceptions by identifying updates required to PALMS PI lists and helping to raise the necessary PIA requests
* Work with the PALMs team in resolving false exceptions related to PALMs logic to reduce re-occurrence by raising enhancement/logic change requests with clear requirements
* Provide KRIs and MI required to the Global PI Monitoring Control forum to support the discussion regarding pending unresolved exceptions, pending PI list updates, fixes required from PALMs.
* Cooperate with the PALMs team in regards to new NPDD requirements for new products (such as mandate updates)
* Raise proposals to improve the end-to-end PI Monitoring process as required (i.e. improving the process, roles and responsibilities, governance, MI, SLAs, etc.)
* Build and maintain relationships with key stakeholders including Risk Managers, Front Office, Middle Office, Product Control, etc.

Requirements

* University graduate in quantitative related degree (e.g. finance, mathematics, econometrics)
* 2+ years of relevant experience in banking e.g. Risk, Product Control, Front Office, Middle Office
* In-depth knowledge of financial markets including cash and derivative instruments across asset classes, their lifecycle and valuation techniques
* Good understanding of key risk factors for different asset types, risk sensitivities and how they are measured as well as risk management techniques
* Desirable previous hands-on exposure in process streamlining while facing multiple stakeholders across the globe
* Preferably international financial/risk accreditation e.g. CFA, FRM, PRM
* Advanced knowledge of Microsoft Office is a must
* Desirable coding skills in VBA, Python or SQL
* Excellent analytical and problem-solving skills
* Strong interpersonal and communication skills (with English both written and oral at B2 level or higher)
* Self-starter, who can think proactively and able to work without constant supervision

**Traded Market Risk Analyst**

Your challenges

* Perform consolidated risk reporting and analysis of risk measures (sVaR, VaR, RNIV, etc) at different levels across Global Banking & Markets business for internal and external use
* Execute processes and provide analytical capability and support to the risk managers
* Run FRTB Standardized Approach capital process
* Identify and escalate issues to Risk Management through review and validation of risk data, controls and reporting
* Create consolidated management committee packs
* Support internal initiatives to deal with regulatory challenges as well as optimise the control framework of the Traded Risk function
* Assist with the delivery of Traded Risk projects
* Support the change delivery of risk systems at a global level across a project’s lifecycle including providing requirement, assisting development and UAT testing
* Develop and implement new reports to improve risk visibility
* Act as a subject matter expert with respect to market risk processes and create DIMs where appropriate
* Build and maintain relationships with key stakeholders including Risk Managers, Front Office, Global Markets Middle Office, Product Control, etc.

Requirements

* University graduate in finance, mathematics, computer science or any other quantitative related degrees
* Preferably international financial/risk accreditation e.g. CFA, FRM, PRM
* 3+ years of relevant experience in banking e.g. Risk, Product Control, Front Office, Middle Office
* In-depth knowledge of financial markets, trading business as well as market risk concepts
* Good understanding of key risk factors for products, risk sensitivities and how they are measured as well as risk management techniques and practice
* Previous exposure to risk calculations, systems, VaR, IRC, RWA reporting and regulatory framework
* Familiar with the concept of FRTB, prior experience in this field is desirable
* Advanced knowledge of Microsoft Office is a must
* Desirable working knowledge of software/database development tools (VBA, Python, SQL, etc.)
* Strong interpersonal skills
* Excellent analytical and problem solving skills
* **Self-starter, who can think proactively and able to work without constant supervision**
* Strong eagerness to learn and grow along with the capacity to work collaboratively as a team

Pytania pre-interview 1

1. Sposoby liczenia VaRu
2. Jak policzyc cene obligacji? Jakie ryzyka są z niązwiązane?

Pytania pre-interview 2

1. Co oznacza 99% 1-dniowy VaR portfela?
2. Jakie są metody liczenia VaR? Podać jedną z nich
3. Jakie są alternatywne miary do VaR?
4. Czym się różni opcja od futures?
5. Czym jest CDS?
6. Jak policzyc cene obligacji? Jakie ryzyka są z niązwiązane?

Tematy:

- VaR

-SVaR

-RNIV

-ES

- HVaR, MVaR, GVaR

- ARCH, GARCH

- Duration, Convexity

- Basis, Gap, Option Risk

- FRTB

- Standardized Approach

- Risk factors, sensitivities

- Delta, Vega, Curvature

- Risk factor correlations

- IRC

- RWA

- CAPM, SML, Markowitz Bullet

- Forward vs Future vs Option

- Interest rate derivatives (IRS, floor/cap, swaption)

- Equity derivatives (vanilla call/put, America, Asian, Bermudian, Barrier, Digital, Binary, Knock-in/out, …)

- FX rate modelling

- Commodities modelling

- CDS, MBS, CDO

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