# Vorbereitung

**Änderungen:**

* **IBM Cybersecurity Analyst**
  + Tools & Cyber Attacks
  + Roles, Processes & Operations
  + Compliance Framework & System Administration
  + Network Secuirty & Database Vulnerabilities
  + Penetrationtesting, Incident Respone & Forensic
  + Cyber Threat Intelligence
  + Breach Respone
* **Professional Scrum Master I**
* **Applied Data Science IBM**
  + Outlier Detection
  + Clustering
* Working Paper: Remote Audit / Datenanalyse mit IDEA
* Tester IDEA 11.1
  + **IDEA 11:** Python + IDEA -> Outliers, Textanalysen, Statistik
* IDEA OTC App Usergroup
* Diehl:
  + **Neue Tests OTC**
    - Stammdaten (ZBED; Inco Terms)
    - Auffällige Aufträge (free, credit notes, returns)
    - Überfälle Zahlungen / Altersstruktur Receivables
    - Mahnwesen
    - Rabatte & Skonti
    - Lieferungen
    - Preise
    - Gutschriften / Rückstellungen
    - Kreditlimits
    - Zu späte Zahlungen
  + **Working Capital Management:**
    - Inventory
    - Too late / Too early payments
  + **Power BI:**
    - Sales / MM / Einkauf / Business Performance
    - ODBC Schnittstelle zu SAT Tabellen in IDEA

**Anforderungen:**

* Erstes Angebot 117.000€
* Mindestens 122.000€ (110.000 + x)
* Audit Manager – Data Analytics & IT Audit (Cybersecurity)
  + Verantwortlich für IT Revision
  + Data Analytics
* Knauf Leadership Academy
* Mentor
* Start 01.08.2021

**Ideas:**

* Supporting audit teams with data-driven solutions. Leading and participating in various audits.
* Building and automating new analytics end-to-end
* Supporting audit activities by giving consultancy to the audit team on possible data analytic opportunities.
* Identifying relevant systems for accessing key data for analysis.
* Conducting data analysis and sharing insights on anomalies and risks.
* Visualizing data-related audit findings and communicating data-stories to the stakeholders.
* Building Key Risk Indicators (KRI) to be used in risk assessment.

**Topics:**

|  |  |
| --- | --- |
| **Ref** | **Observation** |
| **1.** | **commercial** |
| **2.** | **COMMERCIAL QUALITY** |
| **3.** | **Media** |
| **4.** | **OPERATIONS PROCUREMENT (RAW Materials AND Packaging)** |
| **5.** | **PACKAGING THIRD PARTY MANUFACTURING** |
| **6.** | **TECHNICAL SOURCING** |
| **7.** | **PRODUCTION MODELS & CYCLES AND PRODUCTION EXECUTION** |
| **8.** | **PRODUCTION PLANNING AND MATERIAL MANAGEMENT** |
| **9.** | **maintenance & spare parts** |
| **10.** | **INDUSTRIAL QUALITY** |
| **11.** | **CAPEX & LTC** |
| **12.** | **SUPPLY AND DEMAND PLANNING** |
| **13.** | **TRANSPORT** |
| **14.** | **WAREHOUSING** |
| **15.** | **supply chain Sourcing - vendor management** |
| **16.** | **credit** |
| **17.** | **CONTROLS OVER FINANCIAL REPORTING** |
| **18.** | **INTERCOMPANY TRANSACTIONS** |
| **19.** | **CUSTOMS** |
| **20.** | **CASH AND BANKING** |
| **21.** | **HR, Organization & improvement** |
| **22.** | **GENERAL PROCUREMENT** |
| **23.** | **TRAVEL AND EXPENSES** |
| **24.** | **IT STANDARDS** |
| **25.** | **IT SECURITY** |
| **26.** | **IT OPERATIONS** |

1. **IT Standards**
   1. Local IT governance vs group standards (compliance)
   2. Naming conventions (users, servers…)
   3. Super User account monitoring (Windows)
   4. Super User account management (Windows)
   5. User account termination
   6. Network Design
   7. Network infrastructure documentation
   8. Password Management (Windows)
   9. Segregation of Duties (SAP)
   10. Access Rights Monitoring (SAP)
2. **IT Security**
   1. User account management (SAP)
   2. Shared Folders Management
   3. Installed Applications
   4. Microsoft Windows Patch Management (Laptops, Desktops)
   5. Microsoft Windows patch management (Servers)
   6. Outdated Software (windows)
   7. Computers management (maintenance)
   8. Antivirus updates management
   9. Network switch remote connection (maintenance)
   10. Firewall ruleset management
   11. Firewall software end-of-support
   12. Network segregation (plant vs office network)
   13. Laptop Encryption
   14. Server room organization
   15. Access management
   16. SIEM / Endpoint Management
3. IT Operations
   1. IT continuity plan
   2. Telecommunications line
   3. Backup & retention management
   4. Restoration test management (servers)
   5. Inventory of computers
   6. IT maintenance contracts
   7. Network devices security logs review
   8. Disaster Recovery Plan
4. Change Management
   1. PLC change management (maintenance)
   2. Software change management
   3. Incident Management (local)