**SIT223/753 - Task 2.2P (SWOT Analysis) - Answer Sheet**

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|  | *Helpful* | *Harmful* |
| Internal Origin | **Strengths**   * *Strong technical foundation* – Proficient in python SQL, Power BI, Tableau and data analysis. * *Problem solving and adaptability* – Engineering background enables logical troubleshooting. * *Data visualization skills* – Experience in Tableau Dashboards and excel reporting. * *Ethical Awareness* – Knowledge of GDPR, APPS and ethical IT practices | **Weaknesses**   * *Limited cybersecurity hands on experience* – Theoretical knowledge but no penetration testing experience * *Gaps in networking and cloud technologies* – No direct experience with AS/Azure, firewalls or network configurations. * *No formal data migration experience* – AQL skills are tong but no direct work with tools like informatica or Talend |
| External Origin | **Opportunities**   * *Upskill in Cybersecurity* – earning certifications like CompTIA Security+ * *Cloud and DevOps Training* – Learning AWS, Azure, Docker, to stay competitive * *Data Engineering courses* – Master ETL tools like Informatica * *Networking and Workshops* – Attending cybersecurity meetups and data science bootcamps. | **Threats**   * *Rapidly changing tech landscape* – Machine learning, cloud computing and cybersecurity evolve quickly. * *High competition in data roles* – Employers seek experienced data engineers and security specialists. * *Regulatory changes* – New data privacy laws require continuous learning. |

**Conclusion:**

* **Summary**

My strengths lie in data analysis, problem solving and adaptability. However, I need deeper expertise in cybersecurity, networking and data migration to align with industry demands

* **Recommendations**

1. Pursue Cyber security certifications to validate security skills.
2. Learn cloud and DevOps – Take AWS and Azure courses offered by Microsoft and Amazon and explore Docker.
3. Gain ETL experience by working on Kaggle datasets using Talend or Informatica
4. Joining professional networks by engaging in IT security forums and data engineering communities.