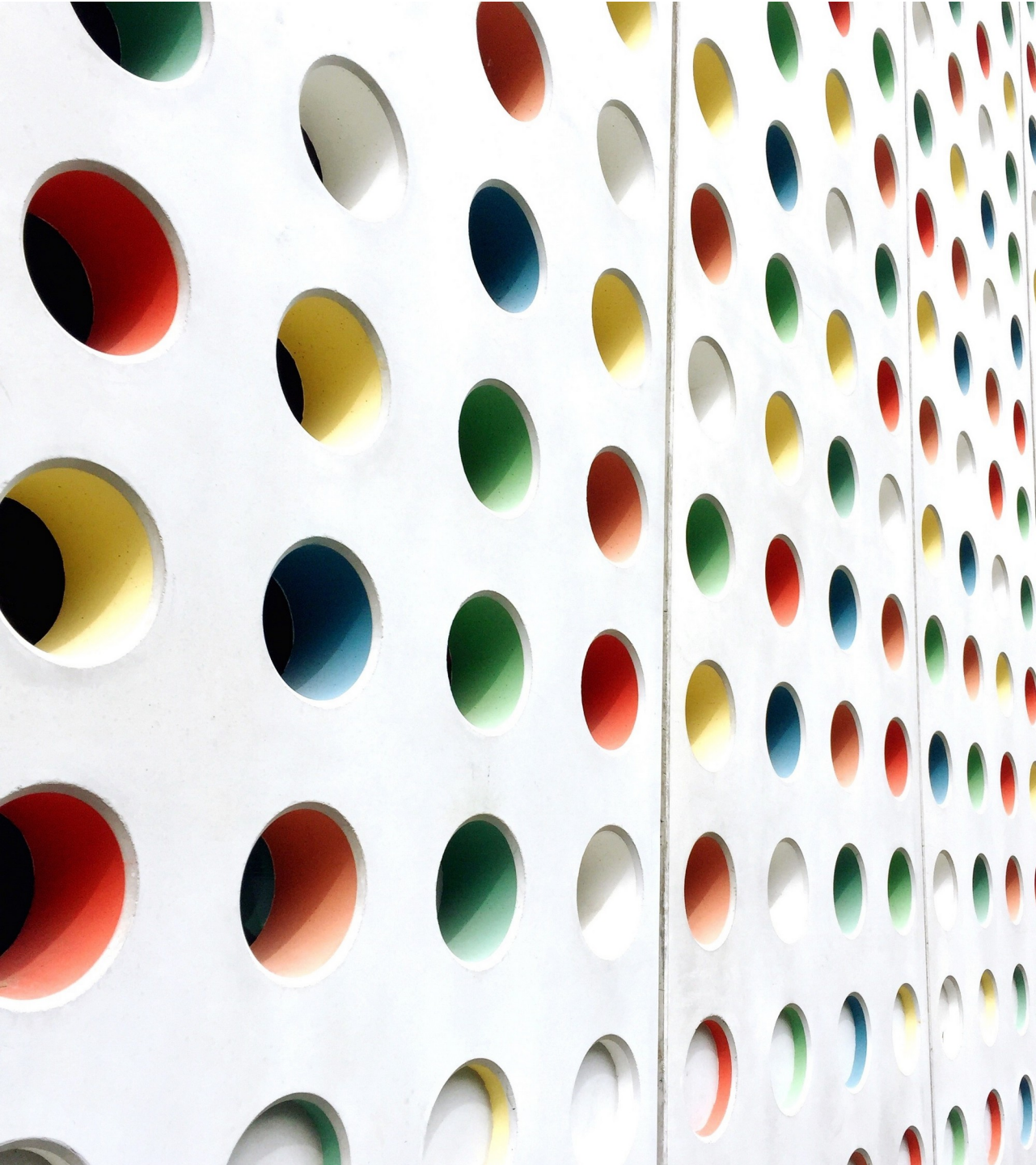




My Career Goal: Becoming an Oracle Database Administrator

LAURENTIU MARIUS DAN

BMSW4001_LON

STUDENT NUMBER 2111460

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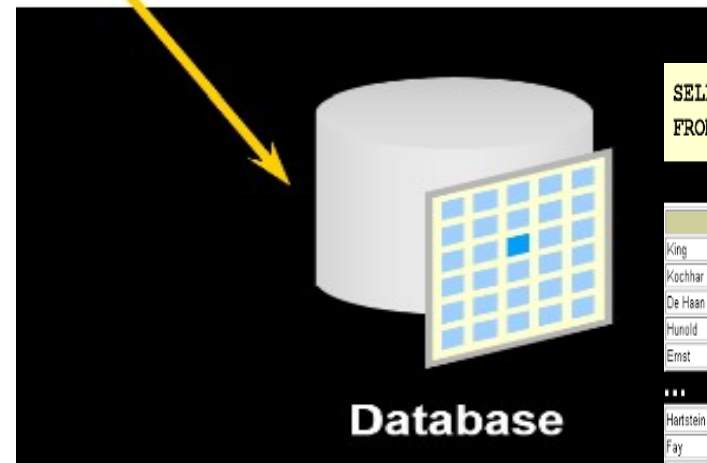
Database Concept

Databases are a mechanism for storing data in a logical form using computers. Oracle is a relational database management system (RDBMS)

According to Codd (June,1970, p377) the data is stored in two-dimensional tables.

To extract data from a Database, you will need to know two computer languages. These are Structured Query Language (SQL) and the Oracle Procedural Language (PL/SQL).

LOWEST_SAL	HIGHEST_SAL
1000	2999
3000	5999
6000	9999
10000	14999
15000	24999
25000	40000



```
SELECT last_name, salary, salary + 300  
FROM employees;
```

LAST_NAME	SALARY	SALARY+300
King	24000	24300
Kochhar	17000	17300
De Haan	17000	17300
Hunold	9000	9300
Ernst	6000	6300
...		
Hartstein	13000	13300
Fay	6000	6300
Higgins	12000	12300
Gietz	6300	6600

20 rows selected

Database concept: Oracle

Oracle is a multinational computer technology Corporation founded by Larry Ellison.

Larry Ellison is the Executive Chairman of the company, and he owns 36% of Oracle.

Oracle is more than a relational database management system providing a large product family

such as:

- Oracle University
- Oracle Consulting
- Oracle E-Business Suite



Database Administrator: Job Profile

- **Technical Tasks for Database Administrator:**

- ✓ Creating databases
- ✓ To know the Oracle Programming Language such as SQL and PL/SQL
- ✓ To manage database availability and consistency
- ✓ To manage security of the Database
- ✓ Network administration
- ✓ Backup and recovery
- ✓ Database tuning

- # Qualifications Required

You can enter this career with a degree in any subject but the following may be particularly useful:

- ✓ Computer Science
- ✓ Information Technology
- ✓ Computer Software

• **Skills Required**

- ✓ excellent problem-solving and analytical skills
- ✓ good communication, teamwork and negotiation skills
- ✓ familiarity with the main data manipulation languages SQL PL/SQL
- ✓ the ability to work to tight deadlines under pressure
- ✓ flexibility and adaptability
- ✓ business awareness and understanding of business requirements of IT
- ✓ The determination to continue the professional development (CPD)

Personal SWOT Analysis

1. Strengths:

Professional Qualifications:

- ✓ Oracle Database Administrator 10g Certified Associate (2014).
- ✓ Oracle Developer Certified Associate with PL/SQL

Work experience: Employed as Test Technician at FOXCONN.Cz Kuta Hora, Czech Republic for 7 years

Transferable Skills:

- ✓ Good Communication,
- ✓ Adaptability,
- ✓ Analytical Spirit
- ✓ Reflective
- ✓ Critical Analysing
- ✓ Good Memory.

Personal Skills:

- ✓ Good Team Working capabilities
- ✓ The Quick Learning and my personal serious approach about studying upgrading permanently my knowledge level **will bring a plus to the company.**
- ✓ the ability to create and maintain strong working relationships with colleagues

Personal SWOT Analysis

2. Weakness:

- ✓ Not very good networking contact
- ✓ Need to improve my Java script level
- ✓ Not updated to the last versions of Oracle Databases and Cloud Technology
- ✓ Sometimes i complete the tasks very close to the deadline term.

Personal SWOT Analysis

3.Opportunities:

- ✓Oracle University Programs will help me to improve my Java Script skills
- ✓To get Oracle Java Certifications for the latest Java versions
- ✓I can work remotely but I am geographical mobile
- ✓I can combine the skills achieved during this course with the skills I have from my previous Oracle Certifications
- ✓Developing a large network of contacts, using Linkedin and other sites employability oriented

Personal SWOT Analysis

4.Threats

- ✓ The concurrence has more experience
- ✓ The global job market shrinks due to the pandemic
- ✓ Continuous Evolution of the Software and Technology
- ✓ Having the knowledge keeping up to date permanently with the new technologies

My SWOT Conclusion

My Strong Skills look like they are able to cover the core of the Oracle job profile:

- ✓ **My professional Qualifications : Oracle developer programming with PL/SQL and Oracle Database Administrator 10g Database**
- ✓ **My Transferable Skills such as Good Communication , Teamwork, Adaptability, Flexibility, Critical analysing are good, they are matching in a good proportion the Job required Skills**
- ✓ **My Personal Skills like Quick Learner will help me and the Employer to act fast not loosing time**

My SWOT Conclusion

•**The Weakness** can be adjust making them strong skills as following :

- ✓I will build a strong contacts network trough LinkedIn Learning Courses , getting familiar with thr market place latest requirements, also I will open a professional account on LinkedIn
- ✓My Java medium level will become higher attending the Java Certification path of Oracle University
- ✓I will keep myself updated with the latest Oracle Technologies, allocating few hours weekly for reading the Oracle Corporation Reports and News, Workshops, Training Courses
- ✓I will finish my tasks in time, managing my time more efficiently, applying from now the new skills that I just achieved, during the Academic and Employability Skills module

My SWOT Conclusion

- **The Threats**, such as more experienced candidates on the job market, on the job market, is acceptable as I do have work experience in the Oracle Databases field, hence is not like I will just start to study the Oracle Databases but my level of experience and knowledge is already at Oracle DBA Junior Level.

References

- Codd, F. (1970) 'A Relational Model of Data for Large Shared Data Banks ', in *Communication of ACM*. Available at: <https://www.seas.upenn.edu/~zives/03f/cis550/codd.pdf> (Accessed: 2/12/2021).
- Goal Inspired Career Coaching. (2020) *Personal Swot Analysis Examples* [video]. Available at: <https://www.youtube.com/watch?v=NIkGWi9eviA&t=10s> (Accessed: 2/12/2021).
- PROSPECTS (2021) *Job Profile DATABASE ADMINISTRATOR*, Available at: <https://www.prospects.ac.uk/job-profiles/database-administrator> (Accessed: 2/12/2021).