The purpose of this template is to ensure you receive targeted feedback that will support your learning. It is a requirement to complete to complete all 3 sections, and to include this completed template as the first page of every assignment that is submitted for marking (your School will advise on exceptions).
Section One: Reflecting on the feedback that I have received on previous assessments, the following issues/topics have been identified as areas for improvement: *NB – for first year students/PGTs in the first term, this refers to assessments in your previous institution*   • I should add precisely the information required in the assignment   • I should take care of the word/page limit
Section Two: In this assignment, I have attempted to act on previous feedback in the following ways   • I have added precisely the necessary information that was required in this assignment   • I have taken care of the word limit

Course name, time duration and educational platform of each course:
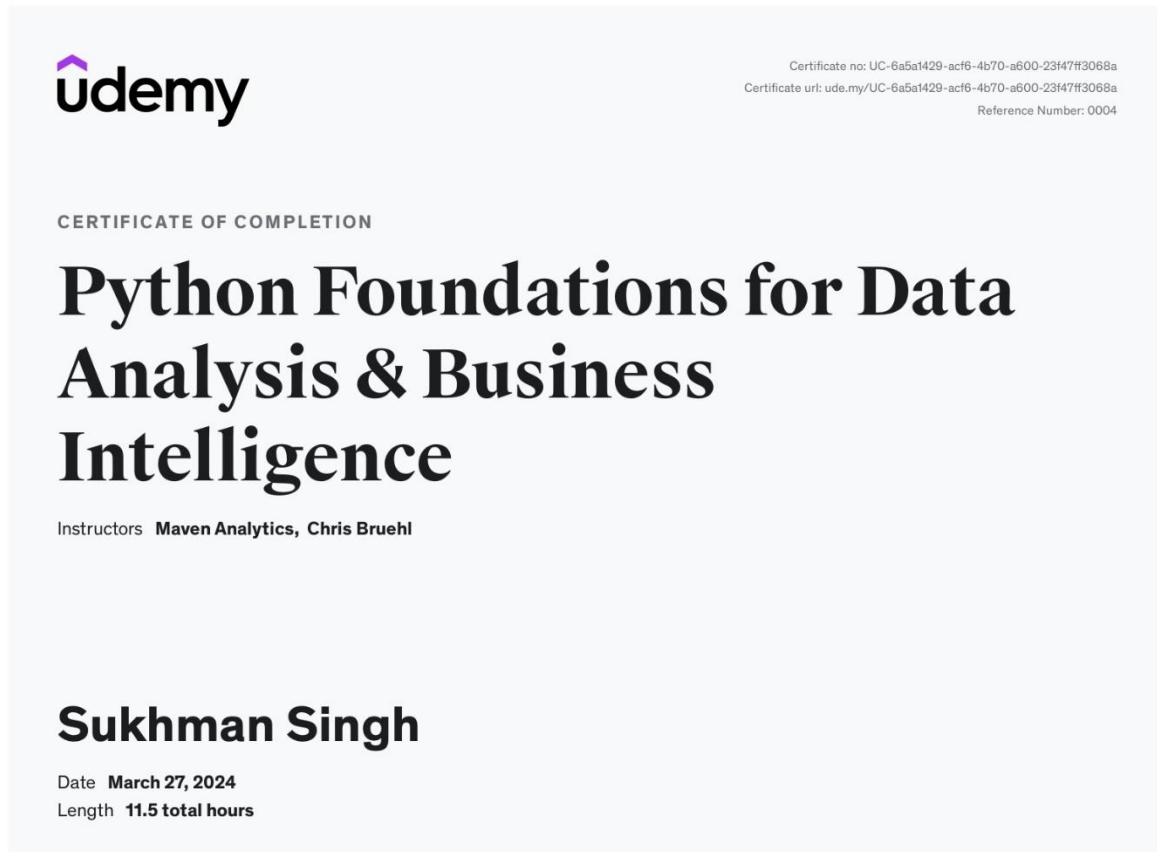
List of courses that I have completed are:

1) Python Foundations for Data Analyis & Business Intelligence
2) My SQL for Business Analytics and Business Intelligence
3) Data Preparation in Excel
4) Data Analysis in Excel
5) Creating Dashboards in Tableau
6) Intermediate SQL

Serial No.	Courses	Duration(Hours)	Educational Platform
1	Python Foundations for Data Analyis & Business Intelligence	11.5	Udemy
2	My SQL for Business Analytics and Business Intelligence	12	Udemy
3	Data Preparation in Excel	3	Datacamp
4	Data Analysis in Excel	3	Datacamp
5	Creating Dashboards in Tableau	3	Datacamp
6	Intermediate SQL	4	Datacamp

Total duration of all courses combined : *11.5 + 12 + 3 + 3 + 3 + 4 = 36.5 Hours*
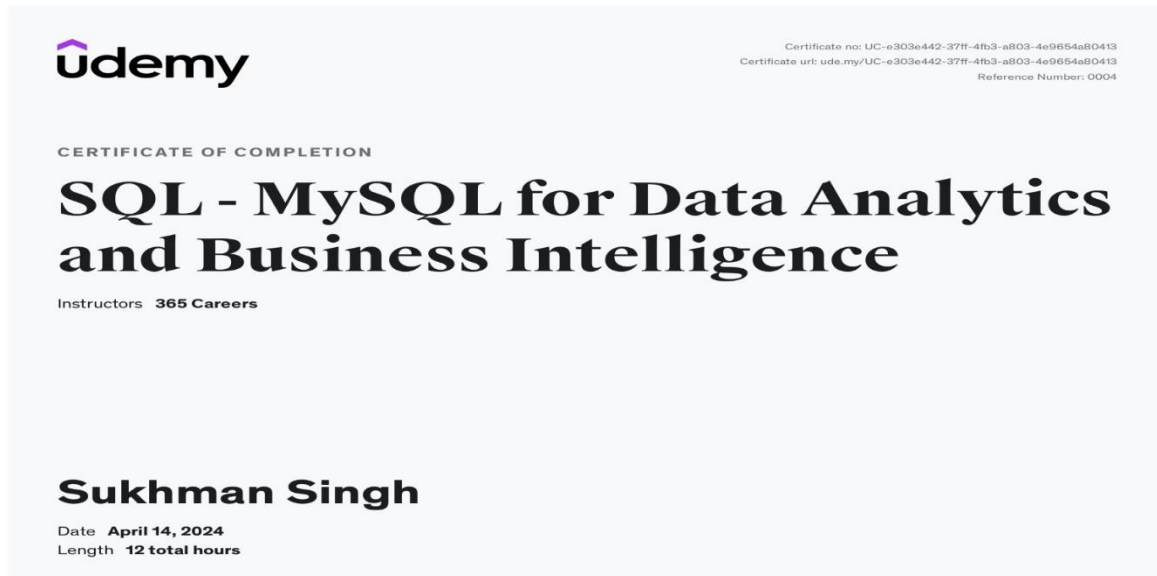
Certifications

1) Python Foundations for Data Analyis & Business Intelligence

The course *'Python Foundations for Data Analysis & Business Intelligence' (length: 11.5 Hours)* played a pivotal role in enhancing my Python skills to meet industry standards. I mastered the use of well-known Python libraries for data manipulation, analysis, and visualization, including *NumPy, Pandas,* and *Matplotlib*. Furthermore, the course included advanced subjects like *feature engineering, predictive modeling,* and *data cleansing*, which gave me the confidence to take on challenging data analysis projects.

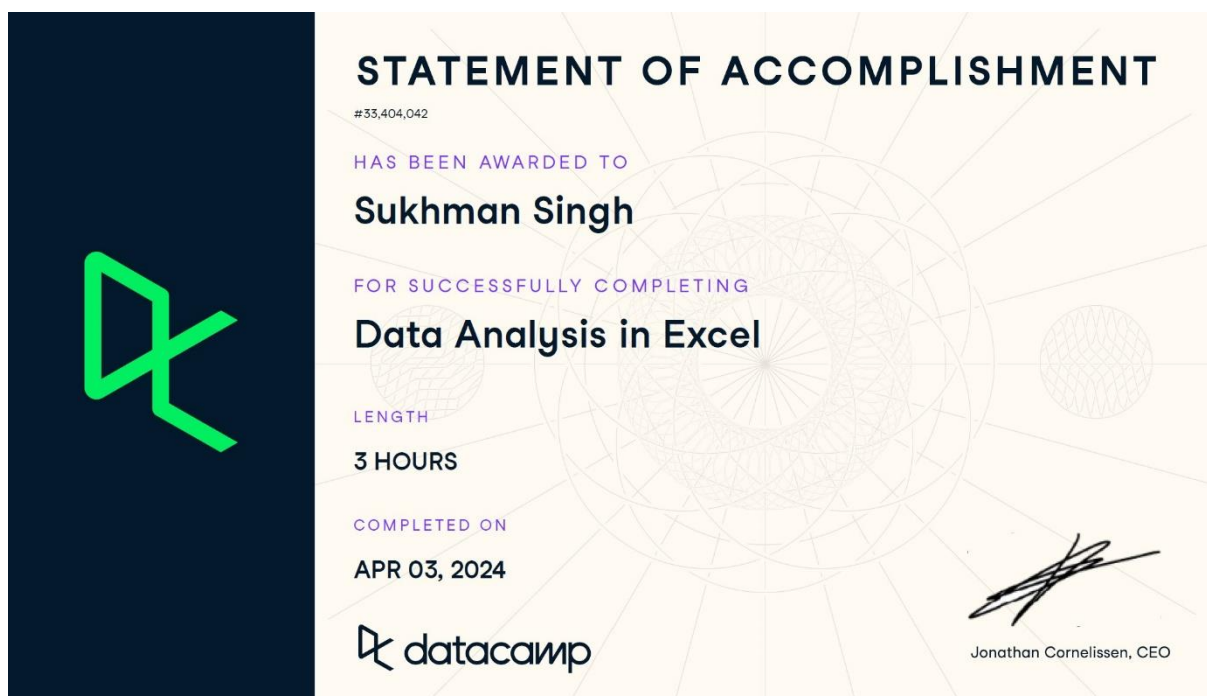## 2) My SQL for Business Analytics and Business Intelligence

The course *'MySQL for Business Analytics and Business Intelligence' (length: 12 hours)* has been instrumental in enhancing my SQL skills to meet industry standards. Teaching me with hands-on experience with databases and industry-relevant technology, the training enabled me to improve my SQL skills. I gained proficiency in creating sophisticated *SQL* queries that let me *see, edit,* and *query* data stored within MySQL databases. The course covers a wide range of SQL abilities including joins, subqueries, stored procedures, data manipulation *(SELECT, INSERT, UPDATE, DELETE)*, data aggregation *(GROUP BY, HAVING)*, and more.
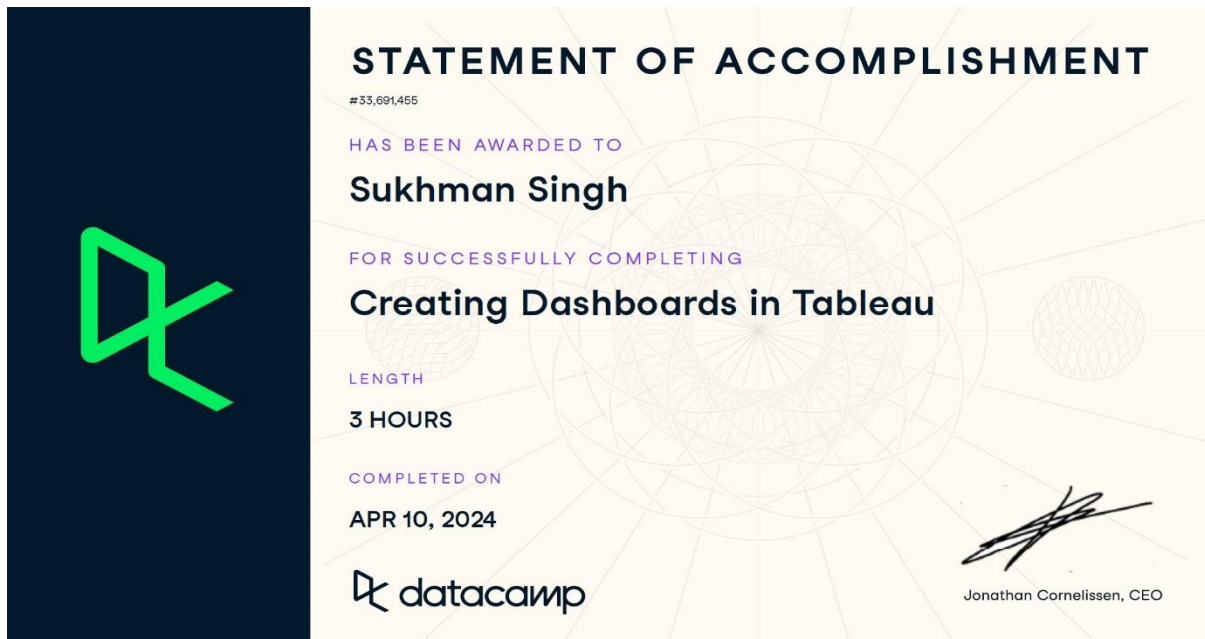
3) Data Preparation in Excel

The course *'Data Preparation in Excel' (length: 3 Hours)* laid a good foundation on how to pre-process the databases before drawing insights from them. I became proficient in Excel and learned how to use its features for *altering, cleaning,* and *organizing* data through an organized and thorough program that focussed on data preparation strategies. I learnt about advanced Excel functions and techniques, such as importing, cleaning, filtering, sorting, and data transformation. The course gave me with practical expertise in advanced Excel functions (including *VLOOKUP* and *INDEX-MATCH*) and *pivot tables, conditional formatting, data validation, data transformation* and *manipulation.* I learnt on how to arrange data tables, compose informative summaries and reports, and draw logical conclusions from complex datasets.
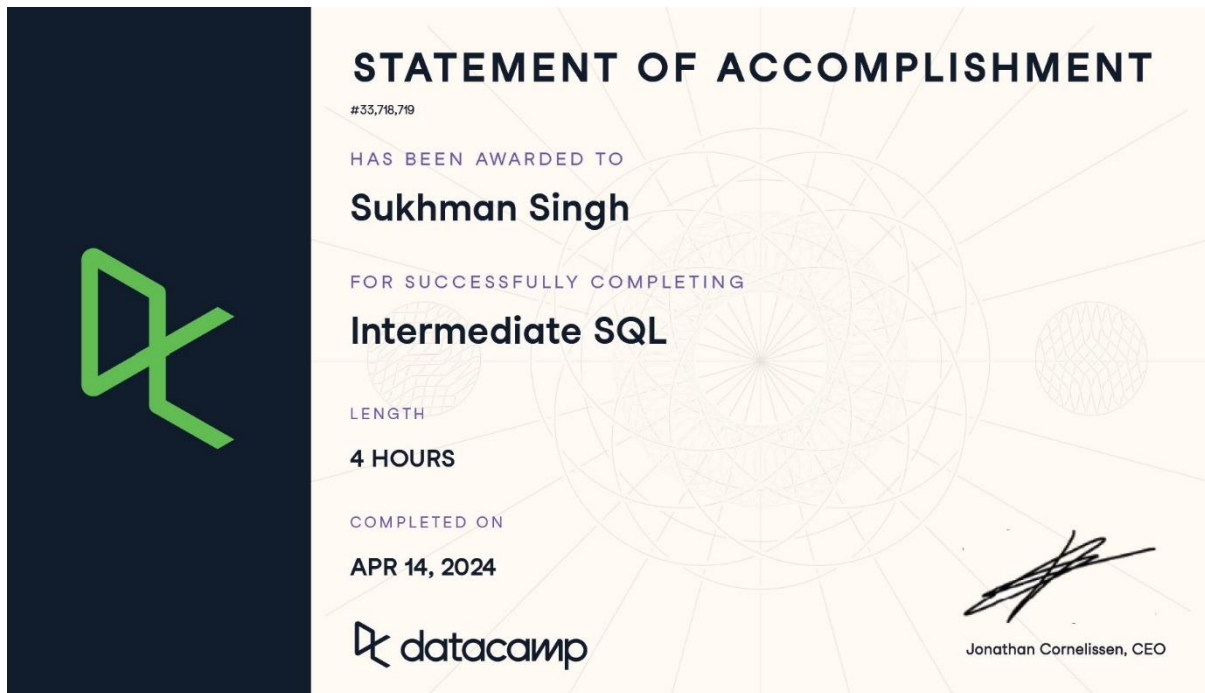
4) Data Analysis in Excel

The course *'Data Analysis in Excel' (length: 3 Hours)* helped me gain knowledge of sophisticated Excel features and methods, including *data transformation, cleaning, filtering, sorting,* and *importing.* The course gave students hands-on experience with sophisticated Excel data transformation and manipulation techniques like *pivot tables, data validation, conditional formatting,* and *advanced functions* (such *VLOOKUP* and *INDEX-MATCH*).

5) Creating Dashboards in Tableau

The course *'Creating Dashboards in Tableau' (length: 3 Hours)* primarily focuses on enhancing proficiency in Tableau, a leading data visualization tool. While Tableau excels in *visualization*, Excel remains valuable for *data manipulation* and *preprocessing*. I integrated Tableau dashboards with Excel data sources, highlighting the complementary nature of the two tools. The course imparts advanced *visualization* techniques applicable to both Tableau and Excel.

6) Intermediate SQL

The *'Intermediate SQL' (length: 4 Hours)* course significantly enhances Excel proficiency to meet industry standards by imparting skills that directly benefit Excel-based data analysis tasks. This course has taught me how to write complex formulas or use *Power Query* to handle data in Excel efficiently, which will speed up data processing duties. Additionally, this course covers fundamental SQL data transformation and cleansing procedures like *sorting, filtering,* and *joining* tables.