



# GUJARAT TECHNOLOGICAL UNIVERSITY

(Established under Gujarat Act No. 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત અધિનિયમ ક્રમાંક: ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Annexure 1

Enrollment no:

190130111081

## STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Modi Shreshtha Pragnesh

DIARY OF THE WEEK: Dt: \_\_\_\_\_ TO \_\_\_\_\_

DEPARTMENT: Electronics And Communications Engineering SEM: 08

NAME OF THE ORGANISATION: Eternal Soft Solutions

NAME OF THE PLANT/SECTION/DEPARTMENT: Software and Cloud Engineering

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Mrs Poonam Patel

### DESCRIPTION OF THE WORK DONE IN BRIEF

This week, i focused on making my code more usable and rewrote my code using the principles of Object Oriented programming.

After doing that, I worked making my snowflake account. After the account was created, I read the documentation about the history of snowflake, the architecture of the snowflake, pricing solutions of the snowflake and the capabilities of snowflake.

After that, installed python modules called snowflake connector and sql alchemy. These modules allow us to access the snowflake warehouse right from the python script by running a connector instance and adding the credentials to the instance such as your name, the password, the warehouse that you want to use and the database and table that you want to use. After running the connector instance, i then uploaded my dataframe which was stored in a local csv file to the snowflake database

then i modified the code to:

add the functions to fetch the data from the snowflake table

set the hierarchy for the fetched data

Anonymize the fetched data

Upload the fetched data into a snowflake table so that it loops through all the tables in the snowflake table wrt the dataframe and only change the modified values in the snowflake table and insert the new rows

I developed two functions to do the same and added a more general function which takes in the data from any data frame and anonymize the same and return the anonymized dataframe



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TOTAL HOURS: 35

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SIGNATURE OF STUDENT

★ The above entries are correct and the grading of work done by Trainee is  
EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR

Signature of Faculty Mentor

Signature of officer-in-charge  
of Dept. / Section / Plant

Date:

Date:

★ Grading of Work, for trainee may be given depending upon your judgement about  
his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.



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**SUPPLEMENTRY NOTES**  
(add additional sheets if required)

