

ACADEMIC TASK-1

CSE121

(ORIENTATION TO COMPUTING-II)

COMPUTER SCIENCE AND ENGINEERING

Submitted by:

Name: Shaik Amaan

Registration number: 12306116

Roll No.: 39

Section: K23AL

Submitted to : Summit Mittu

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DECLARATION

I, Shaik Amaan, a student of Bachelor of Technology under CSE discipline at Lovely Professional University, Punjab, hereby declare that all the information furnished in this project report is based on my own work and is genuine

Shaik Amaan

Registrartion Number: 12313285

MOOC Certificate:

CERTIFICATE OF ACHIEVEMENT

This certificate is presented to

Shaik Amaan

for successfully completing a Course about

Web Design Using HTML CSS

Course Start Date: 2023-12-04

Certified No.

12715671852

Course Duration 40 hours



mindluster

Signature



www.mindluster.com



2024-02-09

Date

PROFILE CREATION

Profile Creation: Big Data and Data Science

List the name of the companies for the profile of Big data engineer (At least 5 company names are required)

1.	Google
2.	Amazon
3.	Microsoft
4.	Facebook
5.	Apple

List the Skills required the profile of Big data engineer (can add more columns to list more skills)

1.	Programming: Python, Java, and C++
2.	Databases: Familiarity with both relational (SQL) and non-relational (NoSQL) databases
3.	Big Data Technologies: Expertise in Hadoop, Spark, Kafka, and other big data frameworks

4.	Cloud Computing: Experience with platforms like AWS, Azure, and GCP is increasingly in demand
5.	Operating Systems: Strong foundation in Unix/Linux is necessary for navigating big data ecosystems.

Companies offering package up to 10 Lac			
Companies Names: Accenture			
Designation:	Senior-level: Manager, Senior Manager, Executive	Required Industrial Certifications:	Cloudera Certified Associate (CCA) Hortonworks Certified Data Analyst (HCDA)
Job Link (URL):	https://www.accenture.com/lv-en/careers/jobdetails?id=R00160647_en		
Companies offering package 10 to 20 Lac			
Companies Names: Amazon			
Designation:	Data Engineer	Required Industrial Certifications:	Cloudera Certified Associate (CCA) Hortonworks Certified Data Analyst (HCDA)
Job Link (URL):	https://www.amazon.jobs/en/search?base_query=Data+engineer&loc_query=		
Companies offering package 20 to 30 Lac			
Companies Names: Bharti Airtel			
Designation:	Big Data Engineer	Required Industrial Certifications:	Google Cloud Certified Data Engineer Microsoft Azure Certified Data Scientist Associate
Job Link (URL):	https://www.instahyre.com/job-171149-big-data-engineer-at-airtel-2-pune/		
Companies offering package 30 Lac or more			
Companies Names: Maruti Suzuki			
Designation:	Data Engineering & Quality Management	Required Industrial Certifications:	Google Cloud Certified Data Engineer

			Microsoft Azure Certified Data Scientist Associate
Job Link (URL):	https://unstop.com/jobs/data-analyst-maruti-suzuki-india-limited-441549		

*Can add more Job links for same job profile.

Profile Creation: Artificial Intelligence & Machine Learning

List the name of the companies for the profile of Machine Learning Engineer (At least 5 company names are required)	
1.	Netfilx
2.	Uber
3.	Spotify
4.	Tesla
5.	Ford

List the Skills required the profile of Machine Learning Engineer (can add more columns to list more skills)	
1.	Programming: Python is the lingua franca of ML, but proficiency in other languages like R, Java, C++, and Scala
2.	Mathematics and Statistics: Strong foundations in linear algebra, calculus, probability, and statistics are crucial for understanding and implementing ML algorithms.
3.	Machine Learning Algorithms: Knowledge of various algorithms like linear regression, decision trees, random forests, support vector machines, and deep learning models is essential.
4.	Machine Learning Frameworks: Familiarity with popular frameworks like TensorFlow, PyTorch, scikit-learn, and XGBoost is highly sought-after.
5.	Data Preprocessing and Feature Engineering: Ability to clean, manipulate, and transform raw data into features suitable for ML models is vital.

Companies offering package up to 10 Lac			
Companies Names: Wipro			
De sig na tio n:	Machine Learning developer	Required Industrial Certifications:	AWS Certified Machine Learning Specialty TensorFlow Developer Certificate
Jo b Lin k (U RL) :	https://www.google.com/search?q=job+link+for+machine+learning+engineer+in+wipro&ibp=htl;jobs&sa=X&ved=2ahUKEwj5s_Dtil-EAxV1T2wGHbXJD10Qkd0GegQIEBAB#fpstate=tldetail&htivrt=jobs&htiq=job+link+for+machine+learning+engineer+in+wipro&htidocid=QKFeaASge9w3Q40OAAAAA%3D%3D&sxsrf=ACQVn0-XEilfKsKuegzOcnQ4bFMeySG8DQ:1706959820306		
Companies offering package 10 to 20 Lac			
Companies Names: Infosys			
De sig na tio n:	Senior Machine Learning Engineer	Required Industrial Certifications:	AWS Certified Machine Learning Specialty TensorFlow Developer Certificate
Jo b Lin k (U RL) :	https://www.google.com/search?q=job+link+for+machine+learning+engineer+in+infosys&sca_esv=98f0236581d1750a&sxsrf=ACQVn0-XEilfKsKuegzOcnQ4bFMeySG8DQ:1706959820306&ei=zCO-ZfmdEvWeseMPtZO_6AU&oq=job+link+for+machine+learning+engineer+in+Info&gs_lp=Egxnd3Mtd2l6LXNlcjAiLmpvYiBsaW5rIGZvciBtYWNoaW5lIGxlyXJuaW5nIGVuZ2luZWVylGlulEluZm8qAggAMgUQIRigATIFCEY_oAEyBRAhGKABMgUQIRigAUjxD1CFAlj4CXABeACQAQCYAdsBoAHsBqoB_BTAAuNC4xuAEDyAEA-AEBwgIOEAAyGAAQYigUYhgMYsAPCAGQQIxgnwglHECEYChigAcICBBAhGARCAgUQIRifBeIDBBgBIEGIBgGQBgu&scient=gws-wiz-serp&ibp=htl;jobs&sa=X&ved=2ahUKEwixZ74il-EAxUkcmwGHZUdCw0Qkd0GegQIERAB#fpstate=tldetail&htivrt=jobs&htiq=job+link+for+machine+learning+engineer+in+infosys&htidocid=yn781MMFNQYjKotiAAAAA%3D%3D		

Companies offering package 20 to 30 Lac			
Companies Names: Tata Consultancy Services			
De sig na tio n:	Machine Learning Engineer	Required Industrial Certifications:	AWS Certified Machine Learning Specialty TensorFlow Developer Certificate
Jo b Lin k (U RL) :	https://www.google.com/search?q=job+link+for+machine+learning+engineer+in+TCS%0D%0A%0D%0A&sca_esv=98f0236581d1750a&sxsrf=ACQVn09woZynQe3D5uMe9Rfkorql4wgtbA:1706959842034&ei=4iO-Za3MAaTkseMPLbusaA&uact=5&oq=job+link+for+machine+learning+engineer+in+TCS%0D%0A%0D%0A&gs_l=Egxnd3Mtd2l6LXNlcnAiL2pvYiBsaW5rIGZvciBtYWNoaW5lIGxIXJuaW5nIGVuZ2luZWVYIGluIFRDUwoKMgUQIRigATIFECEYoAFlyENQ-hBYojlwAXgBkAEAmAHMAaABpgWqAQUwLjMuMbgBA8gBAPgBAclCChAAGEcY1gQYsAPCAGQQIxgn4gMEGAAGQYgGAZAGCA&sclient=gws-wiz-serp&ibp=htl;jobs&sa=X&ved=2ahUKEwiY_eOSiY-EAxWPRmwGHWqwD4gQkd0GegQIERAB#fpstate=tldetail&htivrt=jobs&htiq=job+link+for+machine+learning+engineer+in+TCS%0D%0A%0D%0A&htidocid=nrFjs9sdb3Qa7IUEAAAAAA%3D%3D		
Companies offering package 30 Lac or more			
Companies Names: HCL Tehcnologies			
De sig na tio n:	Machine Learning Engineer	Required Industrial Certifications:	AWS Certified Machine Learning Specialty TensorFlow Developer Certificate
Jo b Lin k (U RL) :	https://www.google.com/search?q=job+link+for+machine+learning+engineer+in+hcl+technologies&sca_esv=98f0236581d1750a&sxsrf=ACQVn0IODgnUtRI2_5EqMNwxhjELDI12A:1706959897698&ei=GSS-ZdiMKo-NseMP6uC-wAg&oq=job+link+for+machine+learning+engineer+in+HCL&gs_l=Egxnd3Mtd2l6LXNlcnAiLWpvYiBsaW5rIGZvciBtYWNoaW5lIGxIXJuaW5nIGVuZ2luZWVYIGluIEhDTCoCCAAyBRAhGKABMGUQIRigAUiAH1CZBVjsFnACeAGQAQCYAcYBoAHRCKoBAzAuN7gBA8gBAPgBAclCChAAGEcY1gQYsAPCAGQQIxgnwgIEECEYFcICBxAhGAoYoAHiAwQYACBBiAYBkAYC&sclient=gws-wiz-serp&ibp=htl;jobs&sa=X&ved=2ahUKEwinhPOoiY-EAxW4ZWwGHZx5CpUQkd0GegQIEBAB#fpstate=tldetail&htivrt=jobs&h		

	tiq=job+link+for+machine+learning+engineer+in+hcl+technologies&htid ocid=LwoO5ytE9pSdKT07AAAAAA%3D%3D		

*Can add more Job links for same job profile.

Social Media Activity Screen Shorts:

LinkedIn profile page for LPU School of Computer Science Engineering. The page shows the school's logo, name, and a banner image of students in a computer lab. The bio includes the hashtag #CSEVetos #ThinkBig #LPU and mentions it is a Higher Education institution in Phagwara, Punjab, with 11K followers and 201-500 employees. The page is followed by Suryansh and 16 other connections. The 'More Pages to follow' section lists GeeksforGeeks Education, Mittal School of Business - LPU, Google Software Development, and LPU Online. The 'Pages people also viewed' section lists LPU Division of Admissions, Mittal School of Business - LPU, and Google Developer Student Club - LPU.

Twitter profile page for LPU School of Computer Science Engineering (@scse_lpu). The page shows the school's logo, name, and a banner image of students in a computer lab. The bio includes the text 'Official Twitter Handle of School of Computer Science and Engineering - LPU.' and mentions it is an Education institution in Phagwara, Punjab, India, joined in March 2021. The page has 342 following and 3,112 followers. The 'You might like' section lists Anantha Sriram, Lovely Professional Univ, and Mondoweiss. The 'What's happening' section lists trending topics like #PoonamPandey, #RaggingByProfessorsInAU, and #BoycottBollywood.

Facebook profile page for LPU School of Computer Science Engineering. The profile picture shows students in a computer lab. The cover photo features the LPU logo and the text "SCHOOL OF COMPUTER SCIENCE AND ENGINEERING". The profile name is "LPU School of Computer Science Engineering" with 2.1K likes and 2.8K followers. Navigation tabs include Posts, About, Mentions, Reviews, Followers, Photos, and More.

YouTube channel page for LPU School of Computer Science Engineering. The channel has 6.34K subscribers and 81 videos. The page displays a "For You" section with video thumbnails and a "Videos" section with a "Play all" button. The left sidebar shows the channel's navigation menu, including Home, Shorts, Subscriptions, and a list of subscribed channels.

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664 posts

10.3K followers

333 following

LPU School of Computer Science Engineering

@scse_lpu

Education

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03-02-2024