

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

Registration 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



2024-02-09

Date

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

1.	Google
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3.	Microsoft
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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

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						
Designation:	Machine Learning developer	Required Industrial Certifications:	AWS Certified Machine Learning Specialty TensorFlow Developer Certificate			
Job Link (URL):	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=QKFeaASge9w3Q40AAAAAA%3D%3D&sxsrf=ACQVn0-XEilfKsKuegzOcnQ4bFMeysG8DQ:1706959820306					
Companies offering package 10 to 20 Lac						
Companies Names: Infosys						
Designation:	Senior Machine Learning Engineer	Required Industrial Certifications:	AWS Certified Machine Learning Specialty TensorFlow Developer Certificate			
Job Link (URL):	https://www.google.com/search?q=job+link+for+machine+learning+engineer+in+infosys&scas=98f0236581d1750a&sxsrf=ACQVn0-XEilfKsKuegzOcnQ4bFMeysG8DQ:1706959820306&ei=zCO-ZfmdEvWeseMPtZO_6AU&oq=job+link+for+machine+learning+engineer+in+Info&gs_lp=Egnd3Mtd2l6LXNlcnaLmpvYiBsaW5rIGZvciBtYWNoaW5lIGxlYXJuaW5nIGVuZ2luZWVylGlulEluZm8qAggAMgUQIRigATIFECEYoAEyBRAhGKABMgUQIRigAUjxD1CFAlj4CXABeACQAQCYAdsBoAHsBqoBBTAuNC4xuAEDyAEA-AEBwgIOEAAYgAQYigUYhgMYsAPCAgQQIxgnwglHECEYChigAcICBAhGArcAGUQIRifBeIDBBgBIEGIBgGQBgU&sclient=gws-wiz-serp&ibp=htl;jobs&sa=X&ved=2ahUKEwitxZ74il-EAxUkcmwGHZUdCw0Qkd0GegQIERAB#fpstate=tldetail&htivrt=jobs&htiq=job+link+for+machine+learning+engineer+in+infosys&htidocid=yn781MMFNQYjKotiAAAAAA%3D%3D					

Companies offering package 20 to 30 Lac						
Companies Names: Tata Consultancy Services						
Designation:	Machine Learning Engineer	Required Industrial Certifications:	AWS Certified Machine Learning Specialty TensorFlow Developer Certificate			
Job Role:	https://www.google.com/search?q=job+link+for+machine+learning+engineer+in+TCS%0D%0A%0D%0A&sc_esv=98f0236581d1750a&sxsrf=ACQVn09woZynQe3D5uMe9Rfkorql4wgtbA:1706959842034&ei=4iO-Za3MAAaTkseMPIbusaA&uact=5&oq=job+link+for+machine+learning+engineer+in+TCS%0D%0A%0D%0A&gs_lp=Egxnd3Mtd2I6LXNlcnAiL2pvYiBsaW5rIGZvcIBtYWNoaW5lIGxIYXJuaW5nIGVuZ2luZWVylGlulFRDUwoKMguQIRigATIFECEYoAFlyENQ-hBYojlwAXgBkAEAmAHMAaABpgWqAQUwLjMuMbgBA8gBAPgBACICChAAGEcY1gQYsAPCAgQQIxgn4gMEGAAgQYgGAZAGCA&sclient=gws-wiz-serp&ibp=htl;jobs&sa=X&ved=2ahUKEwiYeOSiYEAxWPRmwGHWqwD4gQkd0GegQIERAB#fpstate=tldetail&htivrt=jobs&htiqt=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 Technologies						
Designation:	Machine Learning Engineer	Required Industrial Certifications:	AWS Certified Machine Learning Specialty TensorFlow Developer Certificate			
Job Role:	https://www.google.com/search?q=job+link+for+machine+learning+engineer+in+hcl+technologies&sc_esv=98f0236581d1750a&sxsrf=ACQVn0IODgnUtRI2_5EqMNwxhjELDI2A:1706959897698&ei=GSS-ZdiMKo-NseMP6uC-wAg&oq=job+link+for+machine+learning+engineer+in+HCL&gs_lp=Egxnd3Mtd2I6LXNlcnAiLWpvYiBsaW5rIGZvcIBtYWNoaW5lIGxIYXJuaW5nIGVuZ2luZWVylGlulEhDTCoCCAAyBRAhGKABMgUQIRigAUiAH1CZBVjsFnACEAGQAQCYAcYBoAHrCKoBAzAuN7gBA8gBAPgBACICChAAGEcY1gQYsAPCAgQQIxgnwgIEECEYFcICBxAhGAoYoAHiAwQYACBBiAYBkAYC&sclient=gws-wiz-serp&ibp=htl;jobs&sa=X&ved=2ahUKEwinhP0oiYEAxW4ZWwGHZx5CpUQkd0GegQIEBAB#fpstate=tldetail&htivrt=jobs&htiqt=job+link+for+machine+learning+engineer+in+HCL&htidocid=nrFjs9sdb3Qa7IUEAAAAAA%3D%3D					

	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: LPU School of Computer Science Engineering

Page URL: www.linkedin.com/company/scselpu/

Page Name: LPU School of Computer Science Engineering

Description: #CSEVertos #ThinkBig#LPU Higher Education - Phagwara, Punjab · 11K followers · 201-500 employees

Followers: 11K

Employees: 201-500

Connections: Suryansh & 16 other connections follow this page

More Pages to follow:

- GeeksforGeeks Education
- Mittal School of Business - LPU Higher Education
- Google Software Development
- LPU Online Higher Education

Pages people also viewed:

- LPU Division of Admissions Higher Education 1,272 followers
- Mittal School of Business - LPU Higher Education 6,451 followers
- Google Developer Student Club - LPU IT Services and IT Consulting 4,648 followers

Twitter Profile: LPU School of Computer Science Engineering

Page URL: twitter.com/scse_lpu

Page Name: LPU School of Computer Science Engineering

Description: Official Twitter Handle of School of Computer Science and Engineering - LPU. Stay Tuned for Upcoming Events/Announcements.

Followers: 3,112

Following: 342

Posts: 773

Media:

- Pinned Post: Exciting News for Tech Enthusiasts!

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