



ESHA PRAKASH

DATA SCIENCE – AI, BI, BIG
DATA & GENERATIVE AI
TRAINER

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OBJECTIVE

- I intend to deliver my finest proficiency to Corporates Trainings, Working Professionals, College Professors, Post Graduates, Under Graduates or any learner looking for Data Science/ AI/ BI/ Big Data/ Generative AI Training, Career mentoring, or Profiling, both India and Overseas.
- I intent to train as many AI enthusiasts as possible, so we all could together solve complex real-world problems.

DOMAIN INTEREST

- Artificial Intelligence(AI), Machine Learning (ML)
- Generative AI – Prompt Engineering
- Business Intelligence(BI) – Tableau & PowerBI
- Big Data Analytics – Hadoop & Spark
- Data Science Content Creation
- Data Science Resume Profiling

EXPERIENCE SUMMARY

- **Data Science Trainer at DataMantra(Jan 2025 – Present):**

Responsible for AI-ML, Tableau, PowerBI, SQL, Big Data. GenerativeAI Corporates Training – India & abroad.

- **Data Science Domain Head at CDPL(Jan 2024 – Jan 2025):**

Responsible for AI-ML, Tableau, PowerBI, SQL, Big Data. GenerativeAI training for Working Professional, Phd Prof. & UAE client.

- **Data Science Trainer at Bombay Stock Exchange (Jan 2023 – Jan 2024):**

Responsible for ML, PowerBI, Tableau, R and Big Data training.

- **Data Science Trainer at Imarticus Learning (June 2022 – Oct 2022):**

Provide comprehensive ML training to learners(batch) including SQL, Python, R, Hadoop, & DL. Also, direct them towards the best DS role according to their personality.

- **Data Science Trainer and Career Coach at Board Infinity (Jan 2021 – May 2021):**

Mentored Business/Data Analysts enthusiasts using mock interviews, resume iterations & projects.

- **Data Science Product Engineer at LT I (Oct 2018 – Dec 2020):**

Gained expertise in various AI technologies like NLP, auto-ML, & DL using libraries like Scikit-Learn, NLTK, Py-OCR, PySpark & ML-BOX.

TRAINING & CERTIFICATIONS

- **PowerBI certification from Udemy(Oct 2022)**

Trained on data modelling, DAX and reporting.

- **Deep Learning & Generative AI certification from Coursera(Jan 2024)**

Trained on GAN, VAE, RNN, CNN and LSTM.

- **Tableau certification from Udemy(Sep 2022)**

Trained on dashboarding, storytelling, clustering and forecasting.

- **Machine Learning with Python training from Coursera (Sep 2022)**

Trained on classification, regression, and clustering via IBM (Coursera).

- **Data Science Career Expert certification from Expertrons (Mar 2022)**

Career mentor on Expertron App.

- **Data Science certification from Mumbai, Tech Data solutions (Nov 2016 – Jan 2017)**

Classroom trained on Big Data-Hadoop, HDFS, MapReduce, Hive, Pig, and Spark.

TECHNICAL EXPERTISE

- **BIG DATA ANALYTICS** – HADOOP (HDFS, Map-reduce concepts, HIVE, PIG, SQOOP, HBASE)
- **DATABASE MANAGEMENT** – SQL
- **GENERATIVE AI** – chatGPT, BARD, BING, RNN, GAN, VAE
- **ML LIBRARIES** – Scikit-Learn, PySpark
- **VISUALIZATION LIBRARIES/TOOLS** – Seaborn, Matplotlib, GGPlot, Think Speak cloud-based IoT analytics, PowerBI and Tableau.
- **ALGORITHMS** – Regression, Clustering (K-means, DBSCAN) and Classification (KNN, SVM, Decision trees), along with Gradient booster, Random forest, XGB-boost, etc.
- **LANGUAGES** – C/C++ (intermediary), Python, R, Dot net technologies (C#; MVC related concepts)
- **IMAGE PROCESSING** – OpenCV, OCR (Pytesseract, PyOCR, Tesseract-OCR)
- **NLP** – NLTK, Spacy
- **AutoML** – Auto-Sklearn, MLbox, TPOT
- **UI Technologies** – HTML, CSS, PHP
- **TOOLS/Framework** – Oracle SQL Developer, MS SQL Server 2005/2008, .NET framework 4.0, Arduino, R Studios, IBM big insights, Apache Hadoop & Google Colab

PROJECTS

CDPL Abu Dhabi REI “ AI/BI/ Big Data Project” from Feb 2024 to Jan 2025.

Trained on Various AI/ BI and Big Data projects like Advertising sales, Breast cancer & AW project.

CDPL American Accreditation Association “ AI/BI/ Big Data Project” from Jan 2024 to April 2024.

Prepared End- to-end various Projects & materials for AAA accredited Training Programs.

CDPL College Professors Training “Electronic, Civil & BI Projects” from June 2024, Nov – Dec 2024.

Trained on Solar power Prediction & Concrete Strength prediction.

BSE Post Graduate Training “AI/BI Project” from Jan 2023 to Jan 2024.

Trained Post Graduates in Projects like House Price, Stock Market & Customer Segmentation.

LTI MOSAIC “AI Project” from Dec 2019 to Dec 2020.

Read data from various sources like S3 and used various templates like Pyspark, Keras, Scikit-Learn, NLTK, spacy, Pytorch, or R to preprocess and train models, then deploy to find predictions for user-defined payload. AutoML recipes like TPOT, MLBox, and Auto-Sklearn.

LTI MMC “Dot net Project” from Dec 2018 to Dec 2019.

Enhancement for Cansys IR using Visual basics and Oracle

RESEARCH PAPER

- **Waste Analysis & Segregation Research Paper accepted by RTEICT & IEEE (May 2018) Project based upon IOT, Big Data, and Cloud Analytics, implemented using R analysis/visualization tools.**

ACADEMIC QUALIFICATIONS

Name of institution	Degree	Year	%/CGPA
Delhi Public School, Indirapuram	X: CBSE BOARD	2011-12	10
Delhi Public School, Indirapuram	XII: CBSE BOARD	2013-14	87%
SRM IST, KTR	B. tech (IT)	2014-18	9.2

INTERNSHIP & FREELANCE WORK

- NLP Writer at Scaler (Jan 2023)
- Data Science Content Creator at Relevel by Unacademy (Nov 2022 - Dec 2022)
- Designing Tableau 101 course for Tutorialspoint (Oct 2022)
- Data Science Consultancy Service for Japan-online (Jan 2022)
- Data Science Admission Counselling at UpGrad (May 2021 - Jun 2021).
- Networking Internship at Union bank of India (Oct 2016)

ACCOLADES

- Love Peace Joy Light' book-
 - Tagore Honour Awardee by Literoma (May 2022).
 - Bharatiya Sahitya Recognition by NE8x - Azadi Ka Amrit Mahotsav (Aug 2022).
- College Level-
 - First-class with distinction.
 - SIIC Technical team Gold member, Team Underwater Autonomous Vehicle & SRM Google club.

EXTRA-CURRICULAR

- Dramatics (school & college level; played the lead in college movie), Dance (trained in Bharatanatyam).
- Participation in MUN
- Certified nutritionist by INFS

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge.

DATE: January- 2025

PLACE: Mumbai

Esha Prakash