



# ANJANA AMBIKA

## DATA SCIENCE INTERNSHIP

### PROFESSIONAL SUMMARY

- I'm a Post graduate in Data Science with internship experience in an analytics startup. Having done a Master's in Big Data Analytics from IESEG School of Management (France), 2 Nanodegrees from Udacity, an internship in NLP and another post graduation in Artificial Intelligence, I am looking for a permanent job as a Data Analyst. My non-analytics work experience is over 12 years in the field of Data Warehousing where I managed several data migration projects using ETL tools. This resume covers my skills on a high-level and for more details, kindly checkout my LinkedIn profile.

### EDUCATION

- Post Graduate Program in AI and Machine Learning** (2021-2022)  
Purdue University-Simplilearn, USA-India
- MSc in BigData Analytics for Business** (2016- 2017)  
IESEG School of Management, Lille, France
- Bachelor's in Electrical & Electronics Engineering** (1999- 2003)  
Kannur University, Kerala, India



### CERTIFICATION

- Nanodegree in Data Science, Udacity** (April 2021)
- Nanodegree in Predictive Analytics for Business, Udacity** (August 2020)



### DATA SCIENCE SKILLS

- Data visualization, Supervised Learning techniques
- Unsupervised learning techniques
- Inferential Statistics, Descriptive Statistics, NLP



### QUALITIES

- Analytical thinking
- Leadership skills
- Curiosity
- Communication Skills
- Proactiveness



### CONTACT :

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### PROGRAMMING :

- Python
- SQL
- R
- SAS



### LANGUAGES :

- English
- Malayalam
- Hindi
- French (A2)





## WORK HISTORY

### MACHINE LEARNING WORK EXPERIENCE (1.5years including Masters)

**GAPRO (Paris, France) - 2017(Sep-Dec)**

**Designation:** Data Science Internship

- Data acquisition using Python Scrappy across internet, Built automated fashion taxonomy, NLP, Python, Airflow, AWS S3



### MACHINE LEARNING ACADEMIC PROJECTS (MSc)

**Predicted potential donors for a mailing campaign for an NGO (R, Tableau)**

- Built classification models, evaluated, and selected the best performing model., Models used: Logistic Regression, Random Forest, SVC



**Winner of Leroy Merlin Hackathon challenge (R, R Shiny)**

- Predicted products that need to be kept on the front display. , Models used: Logistic Regression, Random Forest, SVC



**MACHINE LEARNING ACADEMIC PROJECTS (Simplilearn) (Python)**

**Classify as well as cluster different cancer types using gene expressions**

**Techniques used:**

- Clustering using K-Means, Hierarchical clustering, Dimensionality reduction using PCA, LDA, t-SNE
- Classification using Random Forest, SVM, Neural Network



**Predict the time a Mercedes-Benz spends on the test bench Techniques used:**

- Dimensionality reduction using PCA, XGBRegressor for model building, Hyperparameter tuning of the model



Mercedes-Benz

**Identify the level of income qualification needed for the families in Latin America**

**Techniques used:**

- Exploratory data analysis, data preparation, standardization, Random Forest Classifier for model building
- Cross validation, Model evaluation: Classification report, Confusion Matrix

**Predict loan defaulters for LendingClub.com Techniques used:**

- Exploratory data analysis, data preparation, standardization, Built deep learning model using Keras with Tensorflow backend

### DATA WAREHOUSING EXPERIENCE (12 years)

**ACCENTURE (Bangalore, India) (2010-2016)**

**Designation:** Associate Manager

- Led data warehousing, data migration and data analytical projects
- Designed project architecture, Data Models, and Global Data Hub
- Managed team of size up to 10



**INFOSYS (Mangalore, India) (2004-2010)**

- Designation: Informatica Team Lead
- Informatica Lead for the team in India in implementing data migration solutions
- Worked as an onshore-offshore coordinator in USA

