



Aravind Sree Kumar

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🐙 **GitHub:** <https://github.com/askAravind/PortfolioProject>

Gender: Male **Date of birth:** 01/06/1994 **Nationality:** Indian

ABOUT ME

Master's student in Web and Data Science at the University of Koblenz-Landau, Germany with 3 years of professional experience in the data science and machine learning domain.

WORK EXPERIENCE

[08/2016 – 06/2019] **Data analyst**

Infosys

Country: India

Main activities and responsibilities:

Worked on python application development projects and data analytics projects.

- Import, inspect, clean, transform, validate, model, or interpret collections of data with regard to the business goals of the company.
- Data Preprocessing and Cleaning
- Data manipulation using SQL technologies.
- Machine learning model implementation and Dashboard creation using Power BI and Tableau

[01/2016 – 05/2016] **Internship**

Infosys

Country: India

Main activities and responsibilities:

- Data Analysis, Python Programming and Application Development.

EDUCATION AND TRAINING

[08/2012 – 06/2016] **Bachelor of Technology**

Amrita University

Address: Kollam, India

Field(s) of study: Computer Science and Engineering

Final grade: 8.02 out of 10.0

[10/2020 – Current] **Masters**

University of Koblenz-Landau

Address: Germany

Field(s) of study: Web and Data Science

LANGUAGE SKILLS

Mother tongue(s): Malayalam

Other language(s): English C1, German A1

DIGITAL SKILLS

Python | Tableau Software | Microsoft Power BI | Machine learning | Data Analytics, Data Visualization | Relational Databases: SQL | Big data | Data extraction, Data preprocessing, Data visualization, Data cleaning

PROJECTS

[02/2022 – 03/2022] **Customer Churn Analysis using Tableau**

https://public.tableau.com/app/profile/aravind.sree.kumar/viz/CustomerChurnAnalysis_16476311574940/ChurnAnalysis

[10/2021 – Current]

Expert Medical Knowledge Graph Creation with Common Sense October 2021 - Machine learning Research

- Named Entity extraction using BERT and Relationship extraction using SPARK NLP from the medical text.
- Adding additional information by data extraction from Wikidata using SPARQL query and Knowledge graph creation using Neo4j graph database.

[10/2021 – 02/2022]

Classification and Analysis of successful and unsuccessful Task Management in Academic Collaboration System - UniConnect

- Advanced Analytics using Power BI, Understand the characteristics of successful tasks created in the academic collaboration system - UniConnect and Data visualization and creation of the dashboard summarizing the findings.
- Random Forest Classifier algorithm implementation in Microsoft Power BI to determine important features that determine the success of the tasks.

CERTIFICATIONS

Visual Analytics with Tableau

<https://www.coursera.org/account/accomplishments/certificate/GNNZ2A6H7XR6>

Essential Design Principles for Tableau

<https://www.coursera.org/account/accomplishments/certificate/CYXRLM4SMR9N>

Introduction to Power BI

<https://www.datacamp.com/statement-of-accomplishment/course/363d11305b584402b91>