TAPAS KUMAR MAHANANDIA

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Seeking an opportunity in Data Science and Machine learning an organization to work with, I am hardworking, and Curious learner, I will utilize my technical skill to achieve the goals of the organization.

PROFILE

- Junior Data Science 5+ years' experience in project work and freelance jobs.
- Specialized in Accounting and economic coursework
- Capstone project: Worked on employee attrition analysis and performance analysis and tried to found the environmental factor for employee attrition in an organization.
- I'm curious learner of R and Python, used it in Data Science projects.
- Able to do Data cleaning and EDA analysis using R and Python.
- Familiar with various models used in data science projects. And able to deploy the model.
- Taught Python in seminar-workshop in virtual(via-zoom) meeting.
- Currently Doing Various Industry immersive virtual internship.
- I have good business case understanding experience which I will use in my analytics.
- I am Proficient in Python, R, Tableau, Power-bi, SQL.

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INTERNSHIP AND LIVE PROJECTS

I'm currently working in as Intern, Innodatatics, kual-lumpur Malaysia as an intern June 2020 to present.

Project:

Tools & Tech Used: Logistic regression, Decision-tree, Random-forest and Ensemble-method.

- To evaluate Employee Attrition Rate based on Training hours, Tenure, Salary-hike and work-life balance.
- Created a pipeline between Python and Mongo-db and Fetched the data to Mongo db.
- Performed EDA analysis And Data Visualization to get insights form data.
- Pre-processed data and implemented various Machine learning algorithm.
- Deployed model, in flask web app, algorithm used (train%, test%), Discission tree classifier (100%,89%), Bagging (100,86%), Bosting (100%,82.80), Random forest Classifier (99.85,88.71%). Final model is deployed using ensemble method.

EDUCATION

Data Science (2020) UNIVERSITI TEKNOLOGI MALAYSIA
M.Phil. in Finance Accountancy (2018) First Division with 66% pc, Utkal University
Master in Commerce Finance & Accountancy (2015) First Division 61%, Utkal University
B.com Accountancy and finance (2012) First Division 61%, Utkal University
+2 Commerce (2009) First Division with 66%, BJB Junior college
10th Matriculation (2006) BSE, Odisha, First Division 66%, PSSK

TECHINICAL SKILLS

Programming Language Skills :

- Clang, R, Python, Libraries, Pandas, Sk-learn, Numpy, Matplotlib, Stats-models, Seaborn etc.

Machine Learning Capabilities:

- Classification (Logistic, Kenn, Naïve bayes, SVM, Discission tree , ,Random forest)
- Regression models (Linear, multiple, logistic)
- Clustering, Hierarchical and non-Hierarchical Clustering,
- Deep-learning – Nlp text-mining, Nlu , Nltk ,spacy, topic modeling LDA, TensorFlow ,Kara's .CNN,

Statistical Methods: Predictive analytics, Exploratory data analytics, inferential statics and hypothesis testing.

Data-Base Knowledge: Mongo-db.

Data Visualization tools and Techniques: - Tableau, Power-Bi, Matplotlib, ggplot2, Polly.

Analytical Skill: financial analytics, predictive analytics. Stock price predict.

Certifications: & Achievements

- CS50 From Harvard University.
- Machine Learning with python by IBM.
- Python for Data science by IBM.
- Data analysis with python by IBM.
- Google Analytics for Beginner and Advance
- Google Digital marketing
- Google Cloud Certifications
- Amazon AWS Certifications
- Data Camp Certification

Extra-Curricular Activities- Hobbies and Interests

Hobbies: Learning language, Netsurfing, hiking, listening music, gardening, love adventure ride, Sports lover.

Interests: Research interests, Technology.

References: LinkedIn link

- **Sowjanya V**
- **Sharat Manikonda**
- **Nitin Mishra**