Experienced Data Professional with over 4 years of hands-on experience in designing, developing, and optimizing data pipelines and systems. Proven expertise in data integration, data warehousing, ETL processes, and data modeling. Dedicated to delivering high-quality solutions that enable organizations to extract valuable insights from their data and make data-driven decisions. Adept at working with cross-functional teams and managing complex data projects from conception to deployment.

SKILLS

- Python
- SQL
- Statistics
- DOMO
- NumPy, Pandas, Seaborn, NLTK
- Machine Learning Algorithms

NANDHA KUMAR J

EDUCATION

KCG College of Technology (2013-2017)
(Chennai, Tamil Nadu)
Bachelor of Engineering (GPA – 7.01)

SRDF Vivekananda Vidyalaya (2011–2013)
(Chennai, Tamil Nadu)
High School (Mathematics and Computer Science) (84.5%)

SRDF Vivekananda Vidyalaya (2010–2011)
(Chennai, Tamil Nadu)
CBSE (Mathematics and Computer Science) (7.8%)

EXPERIENCE

Business Intelligence and Data Engineer (Machine learning)
(ZUCI systems) (2022–present)

Project (Intellihealth):
Working as a Data analytics and management consultant for Intellihealth (Evolve app). Direct reporting to C level officers. Worked on different tasks like Unsupervised machine learning model creation for analysis. Ad-hoc reports using Postgres SQL and excel, Dashboard creation using DOMO, Implementation of Machine learning use cases, Data extraction. Data modeling, ER diagram, ETL pipelines etc.

Highlight:

- Data extraction through API from different data source, ETL transformations in SQL and DOMO, Data governance and Dashboard creation for Pendo, Salesforce, Sendgrid and for Evolve application.
- Different Data Insights made by Descriptive analysis, A/B testing, Churn rate, COHORT analysis and analysis using management techniques like Bottom-up approach, Topdown approach, 80/20 rule.
- Presenting Data insights made by above analysis to C level Officers based on different management consulting

CERTIFICATIONS

- Scrum master certification (PSM-1)
- Python Data Structures (Coursera - University of Michigan)
- Programming for Everybody (Coursera - University of Michigan)
- SQL for Data Analysis (Udacity)
- Power Bi Essential Training (LinkedIn Learn)
- Business English Certification (University of Cambridge)

No:120A, Nadaipathai Street, Sathya Moorthy Nagar,
Kundrathur, Chennai – 600069
Tamil Nadu

+91 6382721543
+91 9087377559

nandhasuit@gmail.com

Blog: https://Datadrugged.wordpress.com
Github: https://github.com/nandha-batzzy
Kaggle: https://kaggle.com/nandha13

techniques like Pyramid principle to make data driven business decisions and also Stakeholder management.

- Worked in AWS Sagemaker, S3 bucket for creating machine learning model that can give insights.

Project (Intics):

Intics is a ZUCI product. Worked as a machine learning engineer Created NLP model that can able to extract text as a key value pair from Image like extracting information from Id card, Documents etc.

Process involved: Machine learning model creation, Paper itemization, Data modeling, ETL Pipelines, Data warehousing, Data insights and reporting, Data.

Highlight:

- Created Exact replication of NLP application by understanding Server connection, Linux command, Django, CRUD, Poetry.
- Created a NLP model which can able to classify the image and extract text any photo IDs (Bank application forms, Aadhar cards etc.) information as a key value pair.
  Tools: Python, Statistics, Django, NLP machine.

Scheduling Analyst and insights reporter (SPi Global)

2019–2022

Worked for the client Tivo as a reporting analyst. Responsible for Analyzing the data for the different Sports tv channel program Using MS Excel, worked on different tasks like Extracting data from Tableau using API connections. Making Ad-Hoc reports and insights.

Tools: Tableau, Excel, Python. **Highlight**

:

- Data extraction through API from different data source, ETL transformations in SQL, Data governance and Report generation
- **Movie Content Based Recommender System:** Preprocessing movie dataset. Finding the required data that affect the movie such that to get the recommendation. Performing NLP preprocessing steps like Lemmatization, removing Stop words etc.
  Recommendation of movie based on Vote rating, Vote count, Genre, Movie description, cast, crew, based on the content of the entire movie. Vectorizing the entire content and using cosine similarity. Then deploying the model using python Flask library. using HTML and CSS stylesheet. then deploying the model, we create.