Chaitanya Khairnar

Get in touch!

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Technical Skills

- Analytics: Data pre-processing, Classification, Linear Regression, Clustering, Decision Trees, Time Series
- Reporting tools: Excel, Tableau, PowerBI
- Languages: Python (Pandas, Numpy, Statsmodel, Matplotlib, etc), Java
- Web development: Django, HTML, CSS, JavaScript, WordPress, Bootstrap
- Database: SQL, Google Firebase, MongoDB
- AWS services (beginner level): EC2, API Gateway, Code Commit, Code Deploy, Code Pipeline, Cognito, Cloud Front, IoT Core, DynamoDB, Lambda functions, S3 and manage IAM user access roles

Certifications

- SAP Certified Development Associate - ABAP with Netweaver 7.0

Summary

- I have 2.5 years of experience in Java Development, 1-year of experience in Python programming and Excel and motivated to be an expert in data science.
- Good experience of working with start-ups giving me great opportunities to learn and develop new business strategies, and implement data science techniques to new problems.
- Presently completing CPD certification with Presidency Limited, UK to acquire hands on experience in data science and technologies like Tableau and PowerBI
- Dual master's in Computer Application and Big Data Management & Analytics
- Strong knowledge of relational databases like SQL and NoSQL databases
- Understanding of agile methodologies of project management such as Scrum

Experience

Business Analyst and Developer, Ireland
Sarjam Limited | October 2021 – Present

- Analyse the trends in Asian FMCG Market using online and offline sources that will assist stakeholders to order fast moving niche items. The analysis helped the start-up to order appropriate products and generate initial sales in midst of competitors
- Generate Excel sales reports by fetching data from ePos till API that help to maintain stocks and give opportunity to generate sales on bulk products
- Perform comparative analysis on competitors and suppliers to maintain fair price on products without compromising profits. The analysis helped to increase sale by 30% and acquire loyal customers.
- Maintain and analyse data on perishable products like meat and vegetables in Excel and find out strategies to reduce waste and generate profits. Using the strategy we were precisely able to find out life of perishable products and appropriate time to freeze and maintain quality.

Store Manager and Business Developer, Ireland
Sip The Beans | March 2021 – October 2021

- Streamlined the sale process, optimize product inventory management system by scheduling backups and cleansing the fetched data from Google Drive using Python.
- Identified KPI's and factors affecting sales by performing Explanatory Data Analysis to generate insights using Excel which boosted the sales by 60%.
- Developed proof of concept by forecasting sales and inventory using LSTM technique to help maintain adequate stocks
- Developed proof of concept using Market Basket Analysis that assisted making decisions regarding offers and discounts
- Automated monthly revenue submissions using Excel that reduced accountants report generation time

Soft Skills

Multi-tasking
Detail Oriented
Self-Motivated
Excellent Verbal & Written
Communication
Team Player
Critical Thinking
Time Management
Team Management
Curious
Continuous Learner

Academic History

Griffith College Dublin
September 2018 - October 2020
Master's in Big data management
and Analytics (Major: Computer
Science) GPA: - 2:1
Key Areas: Cloud Computing,
Machine learning, Big data
management, Statistics, Linux,
Hadoop, Spark, SQL, Python

Pune University
June 2013 – June 2015
Master's in computer application
(Major: Computer Applications)
Percentage: - 61.3%

Pune University
June 2010 – April 2013
Bachelor's in Computer Science
(Major: Computer Science)
Percentage: - 63.42%

Achievements

- National level Mathematics
  Olympiad - 3rd in city and 1st in
  Junior College
- Written various technical
  eBooks with Shaku Atre
- 10 Steps to Achieve Financial
Independence (link)
- 7 Computer Skills You Must Have
to Survive & Prosper in Today's
World (link)
- Built a dog robot using
  raspberry PI with smart features
  like face recognition, voice
  analysis, etc.

Data Analyst (Intern), Ireland
Cognition World Ltd. | October 2020 - March 2021

- Analyse and visualize IoT near real time series data using Power
  BI and python by functional/trend analysis. The analysis helped
  clients to understand energy consumption patterns and take
  timely optimization decisions saving resources.
- Implemented end to end issue management process using
  FreshDesk that solved the client and in-house issues on-time as
  per the SLA
- Generated weekly Excel reports using data from FreshDesk API
  helping the team to focus on low level issues that were being
  previously ignored and help stake holders to make
  business/technological strategic decisions
- Studied AWS services such as API Gateway, Code Commit,
  Code Deploy, Code Pipeline and generated a beta version of
  CI/CD pipeline based on semantic versioning
- Assisted other developers with tasks like decoding LoraWAN
  and Sigfox IoT devices for data ingestion, and generated
  knowledgebase that saved teammates crucial time

Software Developer and Database Engineer, India
Digital Spirit (July 2015- March 2018)

- Developed Android applications from version 5.1 (Lollipop – API
  22) to version 6.0 (Marshmallow – API 23) for healthcare using Java
  as a part of the core development team and generate insights
  using Python helping next of kin to take quick decisions
- Developed Firebase database to implement an Android chat
  application for internal team that increased communication
  between teammates to solve issue and develop ideas
- Studied and implemented friend of a friend (FOAF) concept using
  Neo4J database to create a community network that helped team
  to understand how social media friend recommending system
  works
- Worked with SEO team to create analytical reports using Python
  on the client website that helped marketing team to channelize
  resources and choose appropriate platform for advertisements
- Identified the trends and opportunities of growth by using
  classification, clustering, association rules against the global
  keywords, and fine-tune the ads posted
- Configured backend merchant functions like multi-shipping, tax,
  payment method, fraud protection on PHP based woo-commerce
  stores brining smooth check-out experience
- Visualize performance management system by mining data from
  SAP HANA database to SAP B1 dashboard. The visualization
  helped HR team to help low performing employees by giving
  appropriate training/counselling
- Gathered requirements from business analysts, develop physical
  models using Erwin and create DDL scripts to help design
  database schema and database objects
- Designed and developed the RDBMS model for e-commerce data
  based on Snowflake schema

Projects

Personal Profile Project
The purpose of the project is to display my python programming, data science skills and ability to convert ideas into reality. The project is developed using Django high-level Python web framework, hosted on AWS Elastic BeanStalk as it allows to create app centric deployment. The main reason for using AWS was cost. http://www.chaitanyakhairnar.com/

Audiolization of Data
Successfully converted reports into audio format. The objective of the project was to help blind understand data. Also, the project targeted business owners to access (listen) reports on the go. The data was in printable text format. Cleaned the data and performed Exploratory Data Analytics, LSTM for sales prediction and market basket analysis. The reports were converted using NLP and API was generated to access audio on various platforms like Google Home and Alexa.

Business Management System
Successfully developed business management system (ERP). The objective of the project was to develop a product that will handle various business modules like finance and controlling, sales and distribution, accounting, and human resources. The project was developed in Java, SQL, and MS Access.

Freelancing, Ireland March 2021 – September 2021
- Digitalize small and mid-size seasonal businesses (Landscaping and property maintenance) by assisting in purchase of services like domain name, email, social media business accounts and designing their official websites using WordPress.
- Increase the visibility of the company web domain on platforms like Google and Facebook ads
- Design and manage social media advertisements region wise and increase sales by acquiring new projects.