Manali Bajaj

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OBJECTIVE

Graduate from NIT Surat having hard working approach and optimistic attitude towards work. Being skilled at data management, analyzing data, identifying technical solutions and developing insightful reports, looking for a position as analyst. Willing to learn new things and contribute ideas for growth of self and organization.

EDUCATION BACKGROUND

Graduation
B-Tech Mechanical
Sardar Vallabhbhai National Institute of Technology **(NIT)**, Surat   Jun 2017-May 2021
CGPA: 9.04/10

HSC
Dr. B. G. Dere Junior College, Sangamner, Maharashtra   Jun 2016-May 2017
Percentage: 80%

SSC
Strawberry English Medium School, Sangamner, Maharashtra   Jun 2014-May 2015
Percentage: 93%

WORK EXPERIENCE

Merilytics | Senior Business Analyst (3 Months)   Feb 2023-Present

- Gross IRR, Net IRR and many other parameters required for evaluating the performance of Private Equity Firm
- Identified gaps and formed Business Logic to finalize the representation of the same
- Designed Performance file to represent financial status of every Fund and every portco company of the client
- Validated Data from different sources with the performance file we created

TechnipFMC, Hyderabad | Associate Engineer   (1 Year 5 Months)   Sept 2021-Jan 2023
Assistant Project Engineer

- Created a PowerBi Dashboard to analyze sales of particular product, frequency of types of QN (Quality Notification) raised over a product to have estimation of work in particular product domain
- Provided Engineering solutions to the product failure during functioning or testing process and Processed QNs
- Improved Designs according to the Quality Notification raised due to bad functionality of the part
- Created Test, Assembly - Disassembly procedures.

SKILLS

Microsoft Word	Python	Observation
Excel	Numpy	Team Player
PowerPoint	Pandas	Critical Thinking.
PowerBI	Matplotlib	
Tableau	Scikitlearn	
SQL		

CERTIFICATIONS

- [Data Science Career Bootcamp Capstone](#)
- [Machine Learning](#)
- [Data Science with Python](#)
- [Business Analytics with Excel](#)
- [SQL training](#)
- [Tableau Training](#)
- [Statistics Essential for Data Science](#)

PROJECTS

Healthcare

Built a model to accurately predict whether the patients in the dataset have diabetes or not.

Real Estate

A statistical model created to predict the potential demand in dollars amount of loan for each of the region in the USA. Also, a dashboard was created which would refresh periodically post data retrieval from the agencies.

ACHIEVEMENT DETAILS

Paper Published in Journal

New HSDT for free vibration analysis of elastically supported porous bidirectional functionally graded sandwich plate using collocation method | https://doi.org/10.1177/09544062221090075
-Journal of Mechanical Engineering Science - Sage Journal

Paper Published in Conference

*Effect of Nano SiO2 as an Additive in Cotton Seed Oil | **DOI** 10.1088/1757-899X/1004/1/012016*
- IOP Conference Series: Materials Science and Engineering

CO-CURRICULAR & TECHNICAL ACTIVITIES

- Represented college Robotics team at Techfest IIT Bombay. (01/2020)
- Designed and manufactured line follower robot and secured 4th position in Intra-college robotics competition. (11/2017)
- Participated in ACM (Association for Computing Machinery). (01/2018)
- Member of Cultural committee for SPARSH (SVNIT cultural + Technical event) and ABHINANDAN (SVNIT cultural event)

HOBBIES

Listening to Music
Dancing
Playing Badminton