SANDIP KUMAR PAL

ef20sandipk@iimidr.ac.in • +91 99161 49808 • Bangalore, India

DATA SCIENCE LEADER | ADVANCED ANALYTICS & VISUALIZATION | PRACTICE SET UP & GROWTH

Technical Champion | Business Analytics | Predictive Modeling | Machine Learning |Artificial Intelligence | Solution Development | Text Mining |Cognitive Methods/ R&D / Product Development | Transformational Solutions | Global Stakeholder Management

Principal Data Science Professional with 21+ years of experience in the financial/banking, pharmaceutical/healthcare, retail-CPG, e-commerce and IoT industry domains. Track record of setting up, scaling up and heading Data Science (Advanced Analytics) Practice. Leveraging expertise in new Data Science domains like Algorithm Development, AI/ML Based Analytics Platform Development, Bayesian Methods, Markov Decision Process.

PROFESSIONAL EXPERIENCE

IBM India, Bangalore, India, Jun 2015 – Present as Data Science Practice Lead
Role: Driving the Data Science Practice with respect to Data Science Advanced Analytics and Visualization right from RFPs to delivery with a cross-functional team of 320+ resources. Accountable for strategy planning, project and delivery management, process improvements, technology innovations, client relationship, cost optimization, stakeholder and team management.

Unisys India, Bangalore, India, Oct 2014 – Jun 2015 as Big Data Analytics Practice Lead
- Headed the Business Analytics Practice which saw an increase in the team size from 3 to 12; developed automation tool for Service Desk for various clients using ML Algorithm

Happiest Minds, Bangalore, India, Feb 2012 – Oct 2014 as Technical Director and Practice Lead
- Set up, scaled up and headed the Business Analytics Practice from scratch; built a team of 20+ and grew the Practice revenues from zero to USD 5 M

Tata Consultancy Services, Bangalore, India, Jan 2010 – Jan 2012 as Senior Manager – Data Science
- Led and managed a team of 30 resources for a large pharmaceutical customer account; grew the account substantially and set up the delivery framework

IBM India, Bangalore, India, Jul 2008 – Jan 2010 as Managing Consultant (Marketing Intelligence Team)
- Managed a team of competitive Analysts and worked on Market Basket Analysis, Cross Sell Bot, Collaborative Filtering etc.

PRIOR EXPERIENCE

Vice President – Quantitative Services, AMBA Research India Pvt Ltd, Bangalore, India, Jan 2006 – Jul 2008
Manager, CRM Survey Inc, Bangalore, India, Apr 2005 – Dec 2005
Senior System Executive, Scicom Infotech Pvt Ltd (Wipro Ltd), Noida, India, Mar 2004 – Mar 2005
Assistant Manager – R&D, DPS Technologies India Pvt, Ltd, Kolkata, India, Sep 2000 – Mar 2004
Project Linked Technical Assistant, Dr. A Basu, Indian Statistical Institute, Kolkata, India, Aug 1998 – Sep 2000

EDUCATION

Executive Fellow Programme in Management, IIM-Indore, India,

Senior Management Program, IIM-Calcutta, India, 2016
M.Sc - Statistics, IIT-Kanpur, India, 1997
B. Sc – Statistics, University of Kalyani, India, 1994

PUBLICATIONS

- ✓ '**A study on relative impact of social parameters on HIV prevalence in Calcutta**", with Dr. S. Basu, Dr. A. Basu, Dr. P. P. Majumdar, Dr. J. K. Ghosh, Mr. A. Agrawal, ISI, Calcutta submitted to Indian Journal of Medical Research.

- ✓ **Explainable Artificial Intelligence Model: Analysis of Neural Network Parameters**-Conference Paper: CADABAI-2019 IIMA Conference (Under Review with Springer-Verlag)