

# PRASANNA SONI

## Masters Degree In Data Science

### Summary

16+ years of experience in solution designing and delivering Enterprise wide solutions to business problems starting with document management including data science and analytics, predictive analysis and recommendations. Extensively worked on eDiscovery of data from identifying the right problem, translating the problem in terms of data, getting the data and perform curatorial analysis, building the pipelines, analyzing data, building models, presenting findings and putting models in production followed by advanced analytics and model tuning. Periodically validate the accuracy of model and tune it accordingly. Additionally expert in Record Management, Email Management, Content Management and BPM technologies that includes, solution designing, solution architect, implementation followed by support and people management.

Self motivated and have organizational ability to effectively set priorities to achieve immediate and long-term goals and meet operational deadlines. Possess strong interpersonal abilities for working with various different team members and executive and build effective partnership with business leaders.

As Data Scientist, like to build data-driven strategy for problem solving -

- Pre-processing of structured and unstructured data using Hadoop, Scala, NoSQL, SQLite  
Advanced SQL including postgres.
- Performing exploratory and targeted data analyses – Python, R
- Build predictive models and machine-learning algorithms.
- Data Visualization :- Tableau, D3.js
- Experience in managing and guiding Data Scientist, Leads.
- Experience in designing data science architecture within business framework using company IT standards Technologies
- Responsible for developing analytics strategy, use case identification, proof of concepts and end to end execution for true ROI
- Monitor the accuracy of model and maintain its effectiveness
- Set up distributed architecture in linux and cloud based sol.
- eDiscovery of data and content on federated locations
- Electronic & Physical Records Management
- Help define client organization roadmap for implementation keeping future IT needs in perspective on Data Science and ECM.

- Preparing High level and low level design documents
- Preparation of System Architecture documents
- Preparation of System specification Documents
- Coordination with Clients on Project Planning & reaching Milestones
- Worked on advanced analytics implementations & provide detailed status to all of IT & business
- Extensively Worked On Documentum upgrade from 5.3 → 6.5 → 6.7 → D7.1
- Expert in setting and performing disaster recovery activity

### Areas of Knowledge

Implement data curation, predictive modeling, eDiscovery of data, Machine learning, cloud computing, timeseries, Bayesian inference, KNN, along with improving on Deep learning (NLP, Image). Executed platform Upgrades, providing solution on Enterprise Content Management, Email Management, Records management, Business Process Designer, Retention policy services and records Management.

### Languages / tools

R, Python, SQL, Oracle, Tableau, Kafka, SQLite, D3.js, Hadoop (learning), Documentum D2, Content Server, Adobe AEM, Taskspace, WebTop, DA, SCS, RPS, FAST(FTI), My Documentum, MDD, BOCS, Process Builder, Forms Builder, Composer, Workflow Manager, DAB, DAI, PL SQL, DQL, API, DFC, github.

### DBMS

Oracle 7.x/8.x, 10g, 11i, MS-SQL Server 2005, DB2, Sybase, sqlite

### Storage

NAS (isilon and VNX) and SAN storage.

### Certifications/Trainings

- <https://pnsoni3.github.io/prasannasoni/Certifications.html>

### Key Engagements

- Worked on setting up distributed opentext analytics platform and Documentum repository
- Implementation of Web Content Management and analytics for Automobile industry.
- EMC Documentum and Records management implementation for insurance company & Bank (US)

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