



Santhosh Narayanan

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https://warwick.ac.uk/fac/sci/statistics/staff/research_students/narayanan



ADDRESS

88 Stanley Road
Coventry, UK
CV5 6FF



PROGRAMMING

R



SQL



Python



SOFTWARE

MS Excel



Latex



MS Word



MS PowerPoint



LANGUAGES

English



Hindi



Tamil



WORK EXPERIENCE

- Feb 2018 - Mar 2017 **Data Science consultant (Part-time)**
Shell Global Solutions, Netherlands
 - Designed and implemented a validation workflow to evaluate methods for predicting oil and gas production.
- May 2015 - Nov 2014 **Data Scientist**
Xenon Automotive, Bangalore
 - Analysed telematics data to model fuel consumption based on driving behaviour.
 - Developed an Eco-Drive score to describe driving styles and help drivers become safer and fuel efficient.
- Oct 2014 - Aug 2012 **Research Analyst**
Deloitte Consulting, Bangalore
 - Implemented statistical methods like propensity score matching and hierarchical clustering in cohort studies.
 - Built machine learning models to predict hospital re-admission rate, length of stay and severity of illness risk.



EDUCATION

- July 2016 - Sep 2015 **MSc Data Science**
Barcelona Graduate School of Economics
- May 2012 - Aug 2008 **B.Tech Mechanical Engineering**
Indian Institute of Technology Madras
 - All India Rank of 398 in the Joint Entrance Examination out of 400,000 applicants.



RESEARCH

- Jan 2020 **Bayesian modelling of flexible marked point processes with appl. to event sequences in football.**
Narayanan, S., Kosmidis, I. Dellaportas, P. 2020
 - Working paper with the main findings of the doctoral thesis.
- Aug 2018 **Modelling outcomes of soccer matches.** Machine Learning, pp.1-19. DOI: [10.1007/s10994-018-5741-1](https://doi.org/10.1007/s10994-018-5741-1)
Tsokos, A., Narayanan, S., Kosmidis, I. et al. 2018
 - Paper on our model that placed 3rd in the 2017 Machine Learning Journal Soccer Prediction challenge.