



#### **Introduction**



In India, the food sector has high growth and profit potential. Also, you can find a lot of opportunities here. The Indian food and grocery market is the world's sixth-largest in terms of volume. And the food processing industry accounts for 32% of the country's total <u>food</u> market. Manufacturing of food products like spice powders or curry powders is a growing industry within the subset of the food manufacturing industry. Spices and curry powders play an important role in enhancing the flavor and taste of the processed foods - making them an essential part of cooking at households and restaurants. India produces almost all the known spices and is the largest exporter of this commodity. Hence, there is tremendous opportunity for setting up a food manufacturing business that caters to domestic demand or export demand. In this article, we look at the process for setting up a food manufacturing business in India.

Related Projects: - Food Processing and Agriculture Based Projects



#### **Food License**

Every food business owner including a petty vendor/ hawker needs to obtain a Food license from FSSAI. FSSAI stands for the <u>Food</u> Safety and Standards Authority of India. The FSSAI license is of 3 types:

**FSSAI** Registration

FSSAI State License

FSSAI Central License

Application for FSSAI Registration / License can be made either offline or online. For obtaining the license offline, the food business owner shall send an application to the Licensing Authority along with requisite fees. However, for online license/ registration, the Food Licensing and Registration System (FLRS), portal launched by FSSAI can be used.

Related Books: - Food Processing, Food Industry, Agriculture, Agro Processing, Processed Food



On completion of the registration process, an FSSAI license number is provided to the food business operator. If the <u>food business</u> is operating in more than one state a central license will be needed for the head office / registered office. The license is issued with varying validity from 1 year to 5 years. Heavy penalties are levied on operators running a food business without FSSAI Registration/License.

Related Videos: - Food Processing





#### Legal Licenses Required for Starting a Food Business in India

- 1. Food License
- 2. Trade License/ Eating House License
- 3. Liquor License
- 4. Fire Department NOC
- 5. Shops and Establishment Registration
- 6. Pollution clearance
- 7. License for playing music or videos
- 8. Tax registrations
- ➤ Income Tax
- ➤ GST (Goods and Service Tax)
- Professional Tax
- 9. Labour law Registrations
- 10. Infrastructure Licenses

Related Projects: - <u>Food Colors, Colors, Flavours, Flavors, Gums, Stabilizers, Food Industry Ingredients, Hydrocolloids and Additives Projects</u>

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Food processing is the transformation of agricultural products into food, or of one form of food into other forms. <u>Food</u> processing includes many forms of processing foods, from grinding grain to make raw flour to home cooking to complex industrial methods used to make convenience foods.

Primary food processing is necessary to make most foods edible, and secondary food processing turns the ingredients into familiar foods, such as bread. Tertiary food processing has been criticized for promoting over nutrition and obesity, containing too much sugar and salt, too little fiber, and otherwise being unhealthful in respect to dietary needs of humans and farm animals.

Related Books: - <u>Food Additives, Food Colors, Colors, Flavours, Flavors, Gums and Stabilizers,</u>
<u>Food Industry Ingredients</u>

Food processing is any method used to turn fresh foods into food products. This can involve one or a combination of various processes including washing, chopping, pasteurizing, freezing, fermenting, packaging, cooking and many more. Food processing also includes adding ingredients to <u>food</u>, for example to extend shelf life.



#### What are the Methods of Food Processing?

Food processing includes traditional (heat treatment, fermentation, pickling, smoking, drying, curing) and modern methods (pasteurization, ultra-heat treatment, high pressure processing, or modified atmosphere packaging). Some of the common methods are described below:

#### **Canning**

The food is heated to a high temperature. This process is called pasteurisation. Then, the food is packaged and stored in an air-tight can. Check our infographic showing the processing steps for canned tomatoes.

**Related Videos: - Agro-Food Processing Industries** 





#### **Fermentation**

The breakdown of sugars by bacteria, yeasts or other microorganisms under anaerobic conditions. This means, no oxygen is needed for the process to take place (apart from oxygen present in sugar). Fermentation is notably used in the production of alcoholic beverages such as wine, <u>beer</u>, and cider, and in the preservation of foods such as sauerkraut, dry sausages, and yoghurt, but also for raising dough in bread production.

#### **Freezing**

Food temperatures are reduced to below 0°C to decrease the activity of harmful bacteria. The process can be used to preserve the majority of foods including fruits, vegetables, meat, fish, and ready meals.

Related Videos: - Processed Food Industry



#### **Modified Atmosphere Packaging**

Air inside a package is substituted by a protective gas mix, often including oxygen, carbon dioxide and nitrogen – gases that are also present in the air we breathe. They help to extend the shelf life of fresh food products - usually of fruits, vegetables, meat and meat products, and seafood.

#### **Pasteurization**

Food is heated and then quickly cooled down to kill microorganisms. For example, raw milk may contain harmful bacteria that cause foodborne illnesses. Boiling it (at home) or pasteurising (on a large scale) is crucial to ensure it is safe to consume. Apart from <u>dairy</u> products, pasteurization is widely used in preservation of canned foods, juices and alcoholic beverages.

Market Research: - Market Research Report





#### **Smoking**

A process of heat and chemical treatment of food to help preserve it by exposing it to smoke from burning material such as wood. Smoked foods usually include types of meat, sausages, fish or cheese.

#### **Additives**

Food additives play an important role in preserving the freshness, safety, taste, appearance and texture of processed foods. Food additives are added for particular purposes, whether to ensure food safety, or to maintain food quality during the shelf-life of a product. For example, antioxidants prevent fats and oils from becoming rancid, while preservatives prevent or reduce the growth of microbes (e.g. mould on bread). Emulsifiers are used for instance in improving the texture of mayonnaise, or stopping salad dressings from separating into oil and water.

Related Video: - Food Processing Industry - Fruits, Vegetables and Food Processing



#### **Main Benefits of Processed Foods**

- Palatability and sensory improvements
- Preserved and improved nutritional quality
- > Safety
- Preservation, convenience and choice
- Reducing health inequalities and concerns

Processed foods like pre-cut vegetables and meat are quality convenience foods for busy people and for those who can't visit a faraway market to buy vegetables and meat.

Related Video: - Business Opportunity in Food Processing & Agro Processing Industry





Benefits of food processing include toxin removal, preservation, easing marketing and distribution tasks, and increasing food consistency. In addition, it increases yearly availability of many foods, enables transportation of delicate perishable foods across long distances and makes many kinds of foods safe to eat by de-activating spoilage and pathogenic micro-organisms.

Processed foods are usually less susceptible to early spoilage than fresh foods and are better suited for long-distance transportation from the source to the consumer.

When they were first introduced, some processed foods helped to alleviate food shortages and improved the overall nutrition of populations as it made many new foods available to the masses.

**Project Reports:** - Project Reports & Profiles





#### **Scope of Food Processing Industry**

As per an estimate, India's current food processing industry is estimated at USD 130 Billion and expected to attract huge domestic and foreign investment. Some of the key factors which are likely to increase the demand for processed food and consequently the food processing industry in the coming years are –

India is a country of over 1.25 billion population. With rising middle class having a considerable disposable income, the domestic market offers 1.25 billion opportunities for the sector.

India ranks no 1 in the world in the production of milk, ghee, ginger, bananas, guavas, papayas and mangoes. Further, India ranks no 2 in the world in the production of rice, wheat and several other vegetables & fruits. If the surplus production of cereals, fruits, vegetables, milk, fish, meat and poultry, etc. are processed and marketed both inside and outside the country, there will be greater opportunities for the growth of the sector.

Related Project: - Food Processing & Agro Based Industries



Due to rapid urbanization, food habits are changing rapidly towards value-added foods. The change is accentuated by the fact that over 65% of India's population is 35 or under, who are inclined to have processed food.

Next to China, India is among the fastest growing economies in the world. The recent quantum jump in the ease of doing business ranking of the World Bank (from 130 to 100) indicates the conducive business climate in the country and expected to attract foreign investment into this sector.

As per an estimate, around 40 percent of total food production is wasted due to the inadequate facilities for transportation, storage, processing and marketing. If these deficiencies are addressed, there is a huge scope for the development of the sector.

Related Projects: - <u>Food Processing and Agriculture Based Projects, Snack Food, and Frozen</u>
Food



#### Here is the List of 30 Profitable Business Ideas and Opportunities in Food Processing

#### **Industry**

- ➤ Amla (Gooseberry) Powder
- > Apple Chips
- > Automatic Bread and Biscuits Plant
- ➤ Baby Cereal Food
- Bakery Products (Cake & Filled Croissants Puffs)
- Banana, Onion, Orange and Tomato Powder
- Besan Plant
- Cheese Analogues
- > Chilli Oleoresin
- Chocolate
- Corn Flakes



- ➤ Dal Mill (Pulse)
- Dehydrated Onion
- > Dry Fruits Processing (For Snack, Almond, Pistachio and Cashew Nut)
- Egg Powder
- Frozen Layer Paratha
- Fruit Juice in Aseptic Packaging
- > Instant Noodles
- ➤ <u>Iodised Salt</u>
- Macaroni, Spaghetti, Vermicelli and Noodles
- ➤ Mango Pulp with Cold Storage
- Namkeens (Dalmoth, Bhujia, Chana Chur and Khatta Meetha)
- Peanut Butter



- Piggery/Meat/Chicken Processing
- Poha (Rice Flakes)
- Potato Flakes
- > Potato Powder, Granules and Pellets
- > Puffed Rice (Muri)
- ➤ Rice Flakes and Puffed Rice
- Soyabean Products (Soya Milk, Soya Paneer & Soya Extract)
- Spice Powder
- > Tomato Ketchup, Tomato Sauce and Tomato Soup
- > Tomato Puree and Fruit Concentrate with Hot Break Process





NPCS, holds a special place, globally and hence ought to be taken as an important part of business ventures as per the modernization with all sorts of increasing trends. Thereby, we hereby inform you to reach out to us in case of expanding or commencing into the same, requiring detailed base projects for the betterment of the business venture. We help you analyse the market, confirm the plant and machinery, look into financial requirements, manufacturing techniques, etc.

For detailed analysis and <u>research</u>-based understanding of the Project, please reach out to Niir Project Consultancy Services (NPCS) for a detailed report, Business Plan on the same. Our report covers all the crucial points in the elaboration, inclusive of plant and machinery confirmation, analysis of the market, cost of raw material, balance sheet, Manufacturing Process, and various other important aspects.





## **Tags**

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#FoodProcessing #foodtechnology #FoodProcessingIndustry #agriculturebasedproject #foodproduction
#foodprocessingbusiness #फ्ड_प्रोसेसिंग_बिजनेस #foodprocessingmarket #FoodProcessingMarketgrowth
#FoodProcessingMarketresearch #foodprocessingmanufacturing #foodindsutry #fastfoodbusinessplan
#FoodBusiness #FoodBusinessPlan #foodbusinessideas #howtostartafoodbusiness #foodmarket #food
#DetailedProjectReport
                          #businessconsultant
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                                                                    #feasibilityReport
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                                                 #businessplanning
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# Major Queries/Questions Answered in Our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?
- 2. What is the Project Feasibility of the Plant?
- 3. What are the requirements of Working Capital for setting up the plant?
- 4. What is the structure of the industry and who are the key/major players?



- 5. What is the total project cost for setting up the plant?
- 6. What are the operating costs for setting up the plant?
- 7. What are the machinery and equipment requirements for setting up the plant?
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?
- 9. What are the requirements of raw material for setting up the plant?



- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?
- 11. What is the Manufacturing Process of the plant?
- 12. What is the total size of land required for setting up the plant?
- 13. What will be the income and expenditures for the plant?
- 14. What are the Projected Balance Sheets of the plant?



- 15. What are the requirement of utilities and overheads for setting up the plant?
- 16. What is the Built up Area Requirement and cost for setting up the plant?
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?
- 18. What are Statistics of Import & Export for the Industry?
- 19. What is the time required to break-even?



- 20. What is the Break-Even Analysis of the plant?
- 21. What are the Project financials of the plant?
- 22. What are the Profitability Ratios of the plant?
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?
- 24. What are the Projected Pay-Back Period and IRR of the plant?
- 25. What is the Process Flow Sheet Diagram of the plant?
- 26. What are the Market Opportunities for setting up the plant?
- 27. What is the Market Study and Assessment for setting up the plant?
- 28. What is the Plant Layout for setting up the plant?



### Reasons for Buying Our Report:

- The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product
- The report provides vital information on the product like it's characteristics and segmentation
- The report helps you market and place the product correctly by identifying the target customer group of the product



- The report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials
- The report provides a glimpse of government regulations applicable on the industry
- The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions



## Our Approach:

- Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players
- We use reliable sources of information and databases. And information from such sources is processed by us and included in the report



# Free Instant Online Project Identification and Selection Service

Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites......Read more





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Detailed Project Reports

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NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.



And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- Good Present/Future Demand
- Export-Import Market Potential
- Raw Material & Manpower Availability
- Project Costs and Payback Period

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,



Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects......Read more





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## Contact us

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### Who are We?

- One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services
- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad



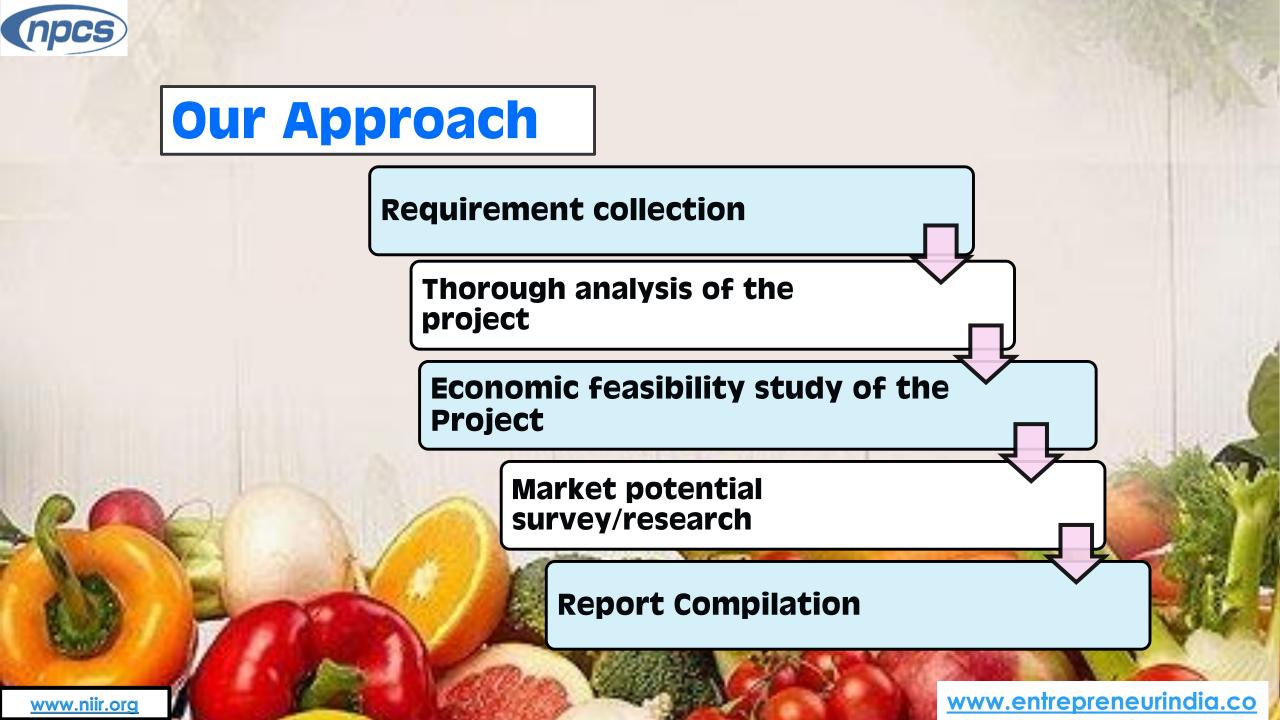
### What do We Offer?

- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- O Business Plan
- Market Research Reports
- Technology Books and Directory
- Industry Trend
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- O Entrepreneur India (An Industrial Monthly Journal)



### **How are We Different?**

- We have two decades long experience in project consultancy and market research field
- We empower our customers with the prerequisite know-how to take sound business decisions
- We help catalyze business growth by providing distinctive and profound market analysis
- We serve a wide array of customers, from individual entrepreneurs to Corporations and Foreign Investors
- We use authentic & reliable sources to ensure business precision





### Who do we Serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- o Individual Entrepreneurs
- o NRI's
- o Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations





#### **Sectors We Cover**

- o Ayurvedic And Herbal Medicines, Herbal Cosmetics
- o Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues,
   Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- o Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling



#### Sectors We Cover cont...

- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct



#### Sectors We Cover Cont...

- Copper & Copper Based Projects
- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based
   Projects
- o Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- o Food, Bakery, Agro Processing



#### Sectors We Cover cont...

- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitability Projects
- Hospital Based Projects
- Herbal Based Projects
- o Inks, Stationery And Export Industries



#### **Sectors We Cover**

Cont...

- Infrastructure Projects
- Jute & Jute Based Products
- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- o Organic Farming, Neem Products Etc.



#### Sectors We Cover cont...

- o Paints, Pigments, Varnish & Lacquer
- o Paper And Paper Board, Paper Recycling Projects
- o Printing Inks
- Packaging Based Projects
- o Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- o Plantations, Farming And Cultivations
- o Plastic Film, Plastic Waste And Plastic Compounds
- o Plastic, PVC, PET, HDPE, LDPE Etc.









## **Objective**

№To get a detailed scenario of the industry along with its structure and classification

№To provide a comprehensive analysis of the industry by covering aspects like:

∞Growth drivers of the industry

⊗Insights on regulatory framework

**SWOT** Analysis

⊗Demand-Supply Situation

⊗Foreign Trade

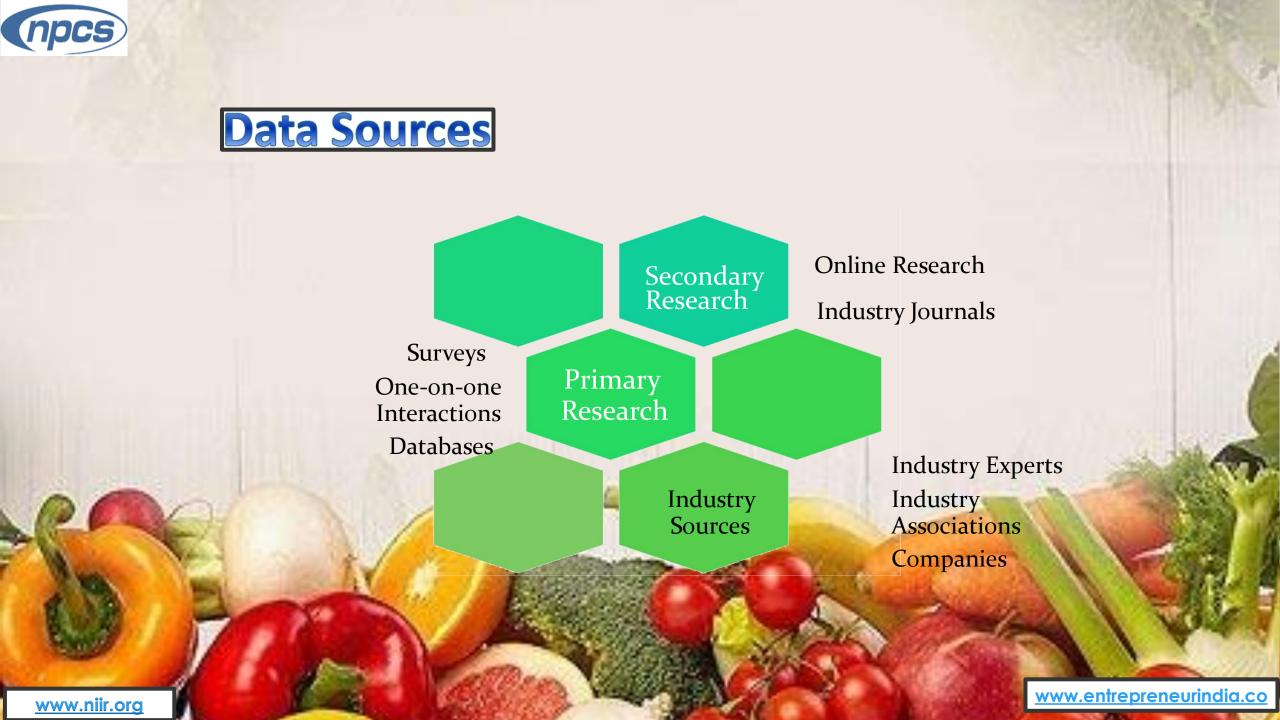
⊗Porters 5 Forces Analysis



## **Objective**

- №To provide forecasts of key parameters which helps to anticipate the industry performance
- ™To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- ™To help an entrepreneur/manager in keeping abreast with the changes in the industry
- ⊗To evaluate the competitive landscape of the industry by detailing:
  - ⊗Key players with their market shares
  - ⊗Financial comparison of present players











## Structure of the Report

- •1. Overview
- •2. Market Analysis
  - □2.1Growth Drivers
  - □2.2Emerging Trends in the Industry
  - □2.3Regulatory Framework
  - □2.4SWOT Analysis
  - □2.5Herfindahl–Hirschman Index (HHI)
- •3. Market Forecasts
- •4. Key Players





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